

FIG. 1

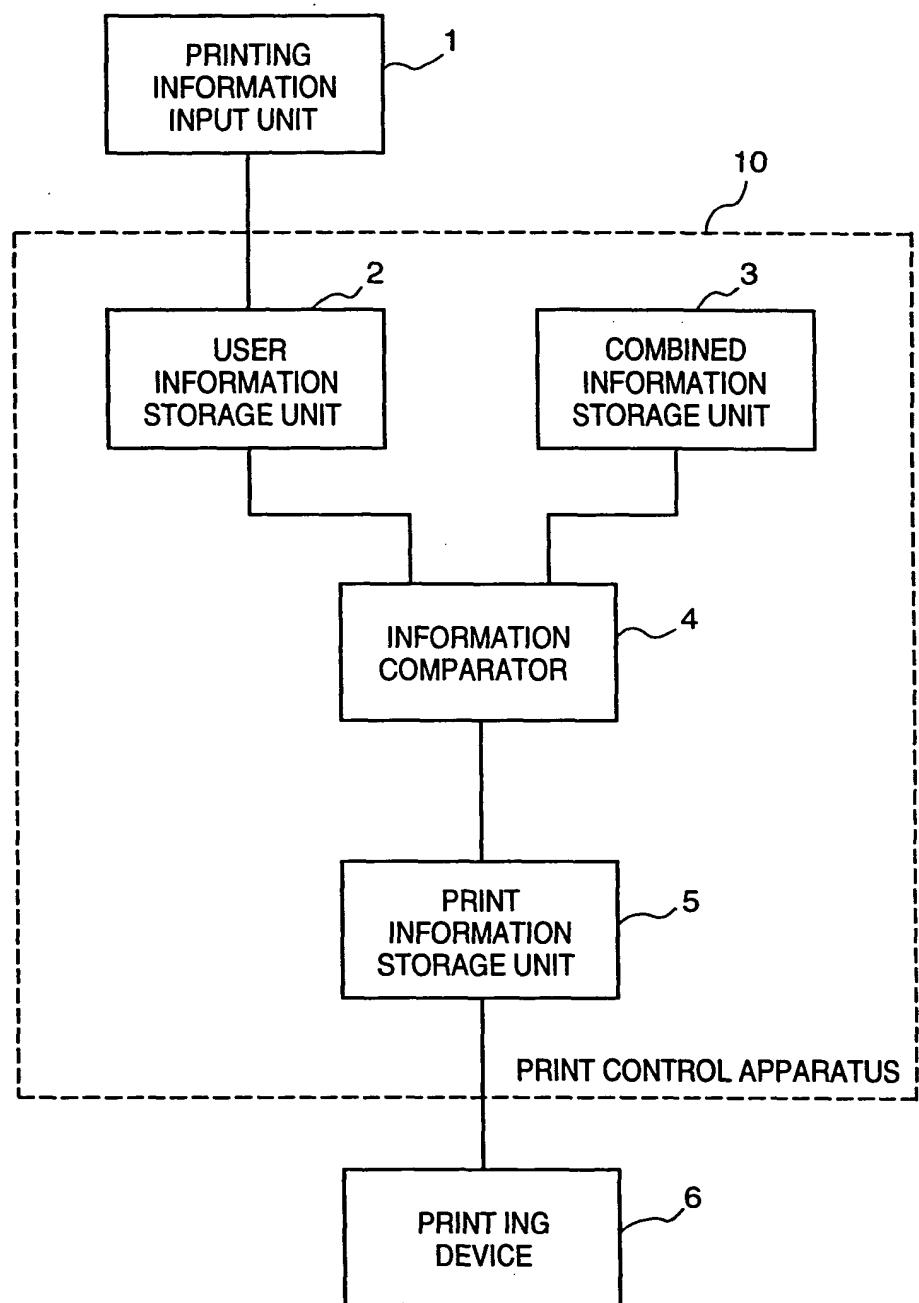


FIG. 2

TYPE OF INFORMATION	INFORMATION ENTERED BY USER
PAPER SIZE	A4
PAPER TYPE	COATED PAPER
PRINTING QUALITY	HIGH QUALITY
PRINTING COLOR	COLOR

FIG. 3

TYPE OF INFORMATION	INFORMATION ENTERED BY USER
PAPER SIZE	A4
PAPER TYPE	COATED PAPER
PRINTING QUALITY	HIGH QUALITY
PRINTING COLOR	COLOR
PAPER FEED METHOD	AUTOMATIC SHEET FEEDER

FIG. 4

TYPE OF INFORMATION	INFORMATION ENTERED BY USER
PAPER SIZE	A4
PAPER TYPE	COATED PAPER
PRINTING COLOR	COLOR
PAPER FEED METHOD	AUTOMATIC SHEET FEEDER

FIG. 5

PAPER SIZE	PAPER TYPE	PRINTING QUALITY	PRINTING COLOR	COMBINATION No.
A4	PLAIN PAPER	HIGH QUALITY	COLOR	1
A4	PLAIN PAPER	HIGH QUALITY	MONOCHROME	2
A4	PLAIN PAPER	LOW QUALITY	COLOR	3
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	4
A4	COATED PAPER	HIGH QUALITY	COLOR	5
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	6
A4	COATED PAPER	LOW QUALITY	COLOR	7
A4	COATED PAPER	LOW QUALITY	MONOCHROME	8

FIG. 6

PAPER SIZE	PAPER TYPE	* PRINTING QUALITY	PRINTING COLOR	COMBINATION No.
A4	PLAIN PAPER	LOW QUALITY	COLOR	1
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	2
A4	COATED PAPER	HIGH QUALITY	COLOR	3
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	4

* INFORMATION NOT SELECTED BY USER

FIG. 7

PAPER SIZE	PAPER TYPE	* PRINTING QUALITY	PRINTING COLOR	* SMOOTHING	COMBINATION No.
A4	PLAIN PAPER	LOW QUALITY	COLOR	NO	1
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	NO	2
A4	COATED PAPER	HIGH QUALITY	COLOR	NO	3
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	YES	4

* INFORMATION NOT SELECTED BY USER

FIG. 8

PAPER SIZE	PAPER TYPE	* PRINTING QUALITY	PRINTING COLOR	* SMOOTHING	PAPER FEED METHOD	COMBINATION No.
A4	PLAIN PAPER	LOW QUALITY	COLOR	NO	MANUAL INSERTION	1
A4	PLAIN PAPER	LOW QUALITY	COLOR	NO	AUTOMATIC SHEET FEEDER	2
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	NO	MANUAL INSERTION	3
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	NO	AUTOMATIC SHEET FEEDER	4
A4	COATED PAPER	HIGH QUALITY	COLOR	NO	MANUAL INSERTION	5
A4	COATED PAPER	HIGH QUALITY	COLOR	NO	AUTOMATIC SHEET FEEDER	6
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	YES	MANUAL INSERTION	7
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	YES	AUTOMATIC SHEET FEEDER	8

* INFORMATION NOT SELECTED BY USER

FIG. 9

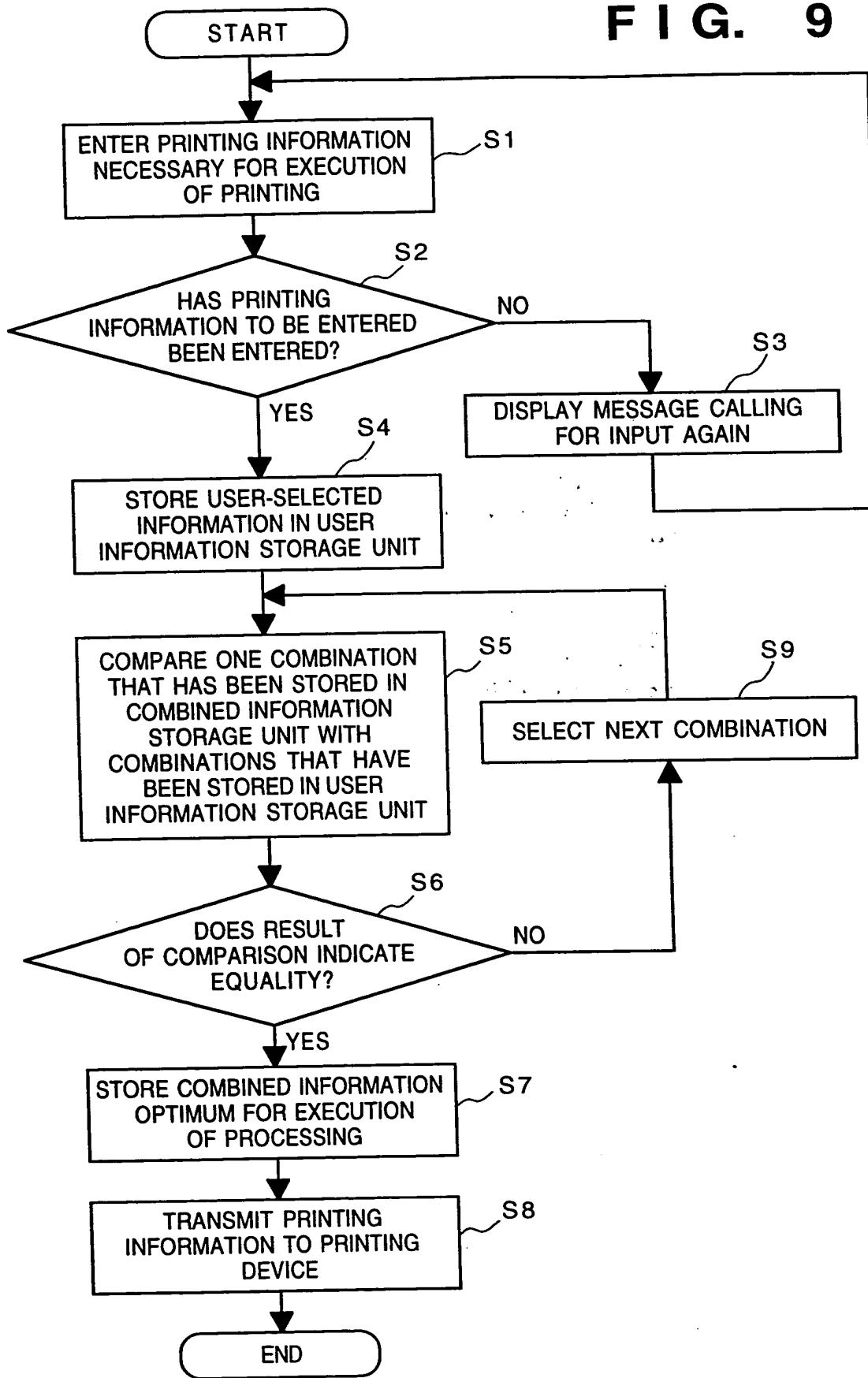
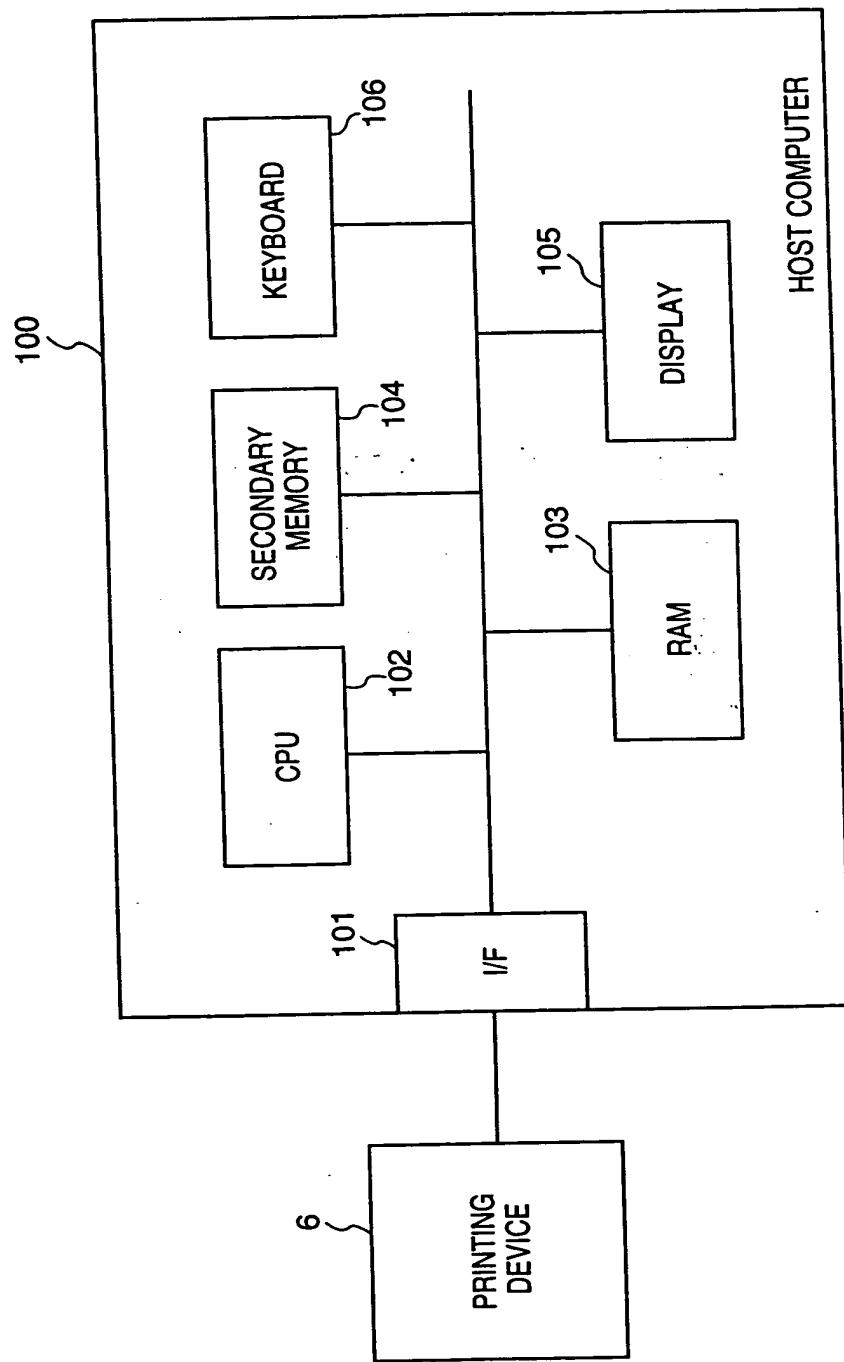


FIG. 10



F I G. 11

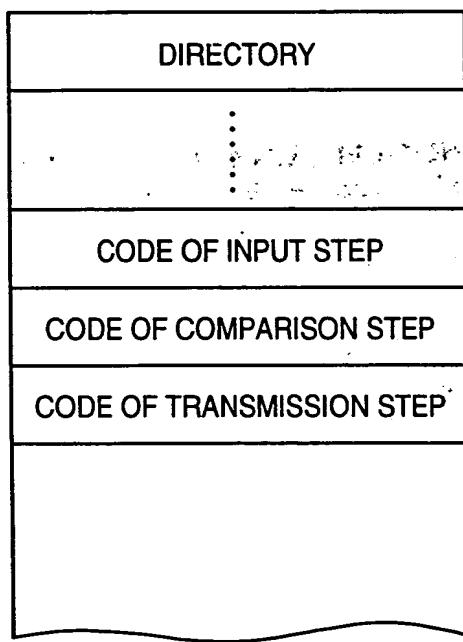


FIG. 12

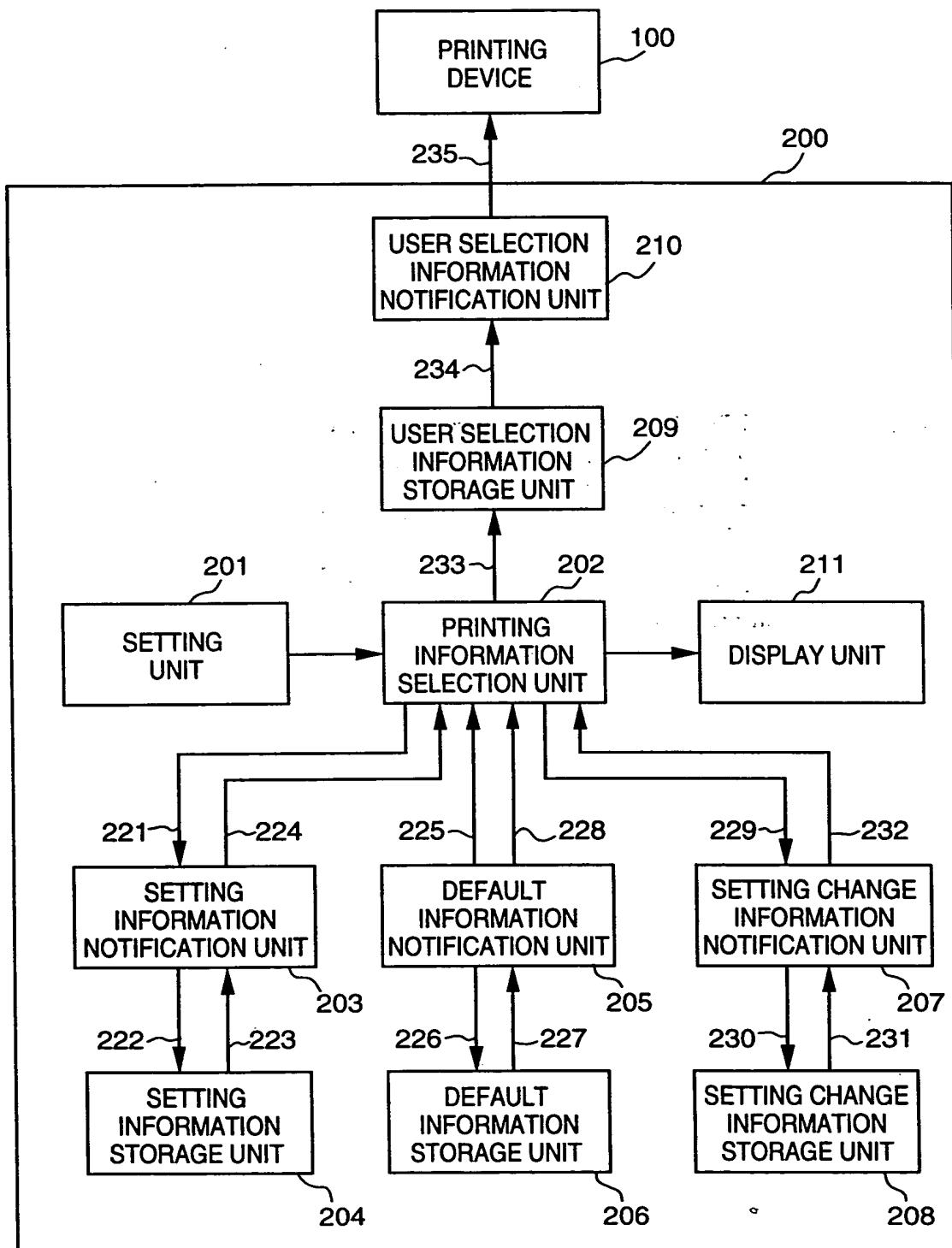


FIG. 13

MEDIA TYPE :	<input type="checkbox"/> PLAIN PAPER <input type="checkbox"/> COATED PAPER <input type="checkbox"/> OHP PAPER	PRINTING QUALITY :	<input type="checkbox"/> HIGH-QUALITY PRINTING <input type="checkbox"/> INTERMEDIATE-QUALITY PRINTING <input type="checkbox"/> LOW-QUALITY PRINTING
PAPER SIZE :	<input type="checkbox"/> A4 <input type="checkbox"/> A5 <input type="checkbox"/> B4 <input type="checkbox"/> B5 <input type="checkbox"/> POSTCARD	PAPER FEED METHOD :	<input type="checkbox"/> AUTOMATIC SHEET FEEDER <input type="checkbox"/> MANUAL INSERTION
PRINTING COLOR :	<input type="checkbox"/> COLOR PRINTING <input type="checkbox"/> MONOCHROME PRINTING		
<input type="button" value="SELECT"/> <input type="button" value="CANCEL"/>			

FIG. 14

MEDIA TYPE :	<input type="checkbox"/> PLAIN PAPER <input type="checkbox"/> COATED PAPER <input type="checkbox"/> OHP PAPER	PRINTING QUALITY :	<input type="checkbox"/> HIGH-QUALITY PRINTING <input type="checkbox"/> INTERMEDIATE-QUALITY PRINTING <input type="checkbox"/> LOW-QUALITY PRINTING
PAPER SIZE :	<input type="checkbox"/> A4 <input type="checkbox"/> A5 <input type="checkbox"/> B4 <input type="checkbox"/> B5 <input type="checkbox"/> POSTCARD	PAPER FEED METHOD :	<input type="checkbox"/> AUTOMATIC SHEET FEEDER <input type="checkbox"/> MANUAL INSERTION
PRINTING COLOR :	<input type="checkbox"/> COLOR PRINTING <input type="checkbox"/> MONOCHROME PRINTING		
<input type="button" value="SELECT"/> <input type="button" value="CANCEL"/>			

Replacement Sheet

FIG. 15

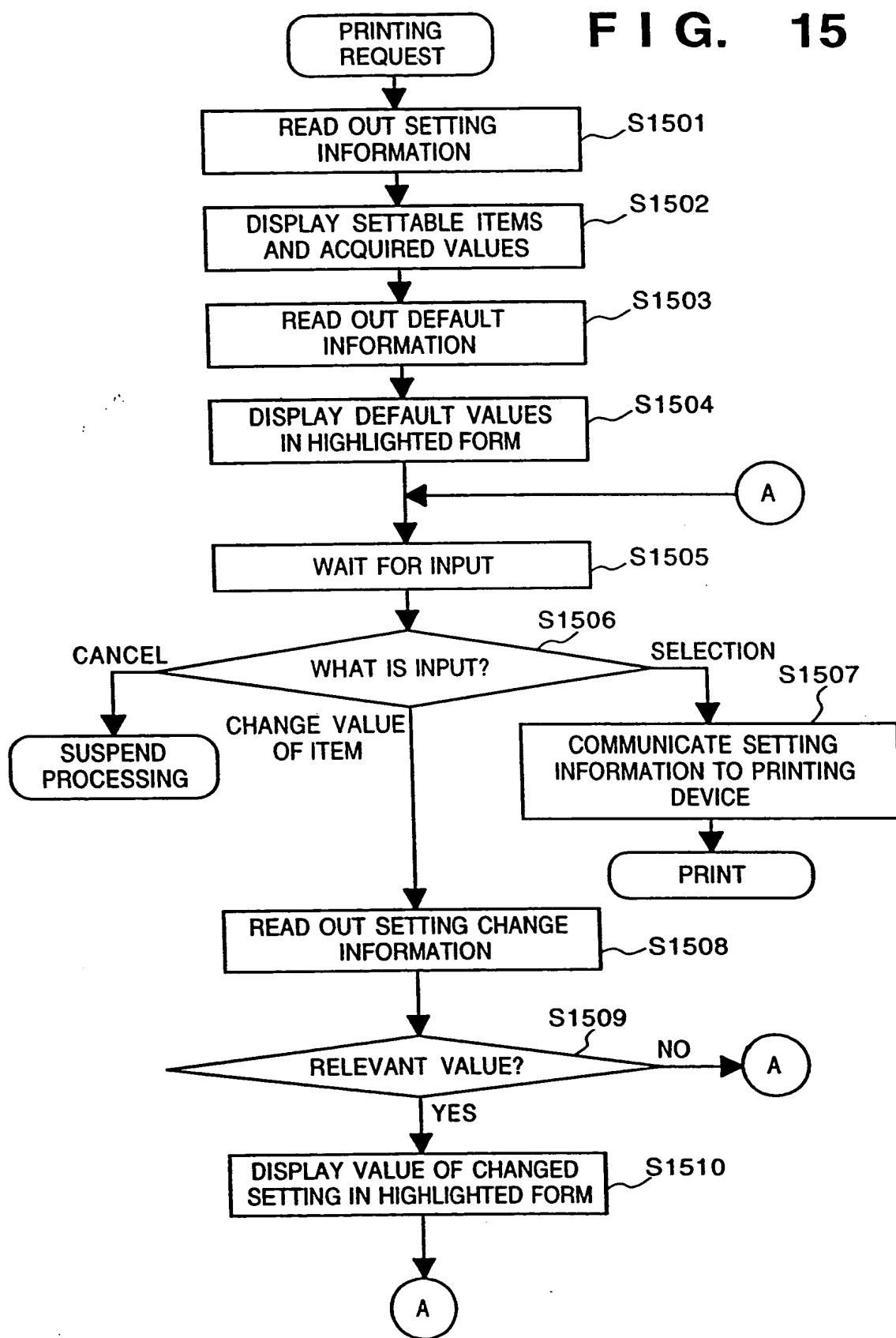


FIG. 16

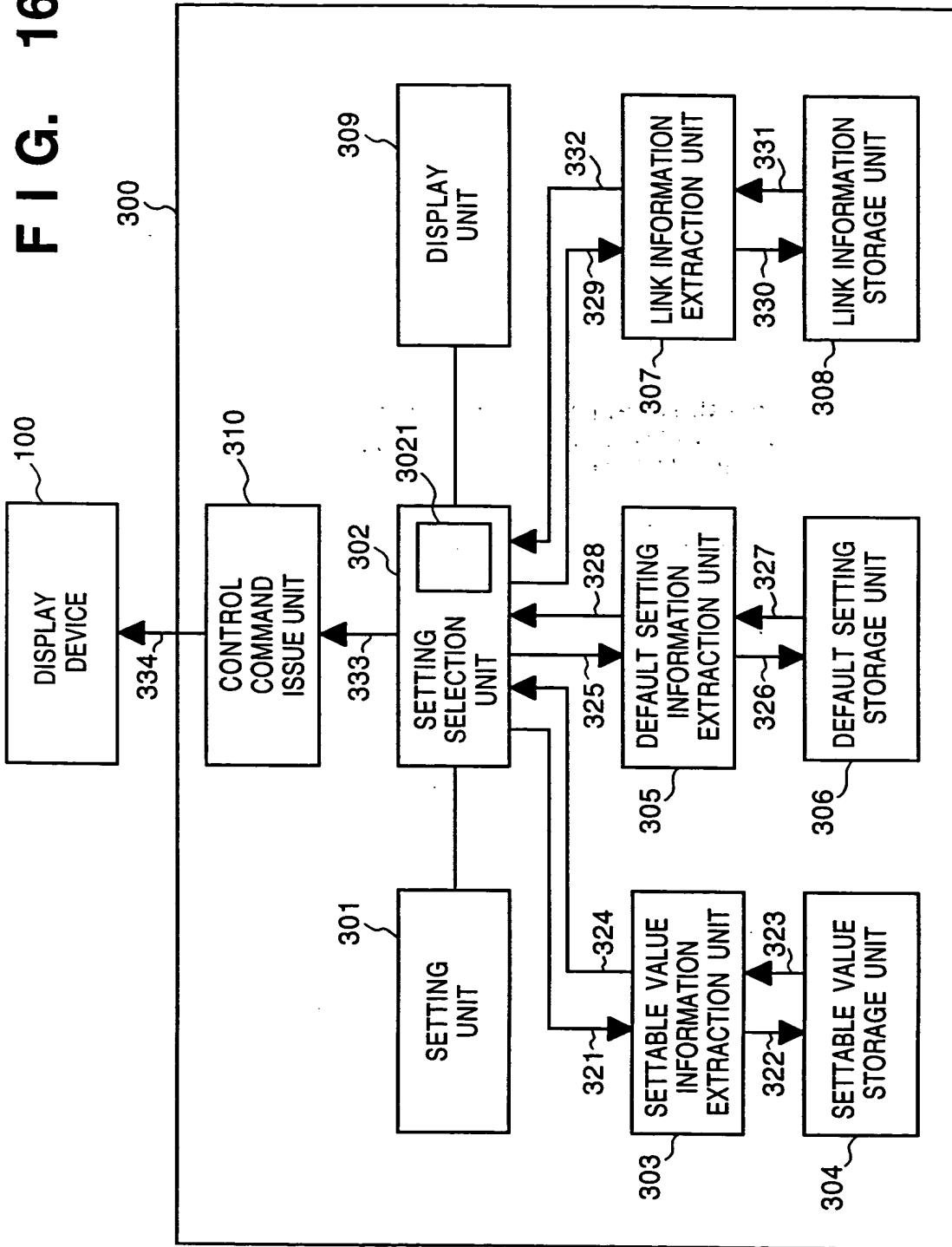


FIG. 17

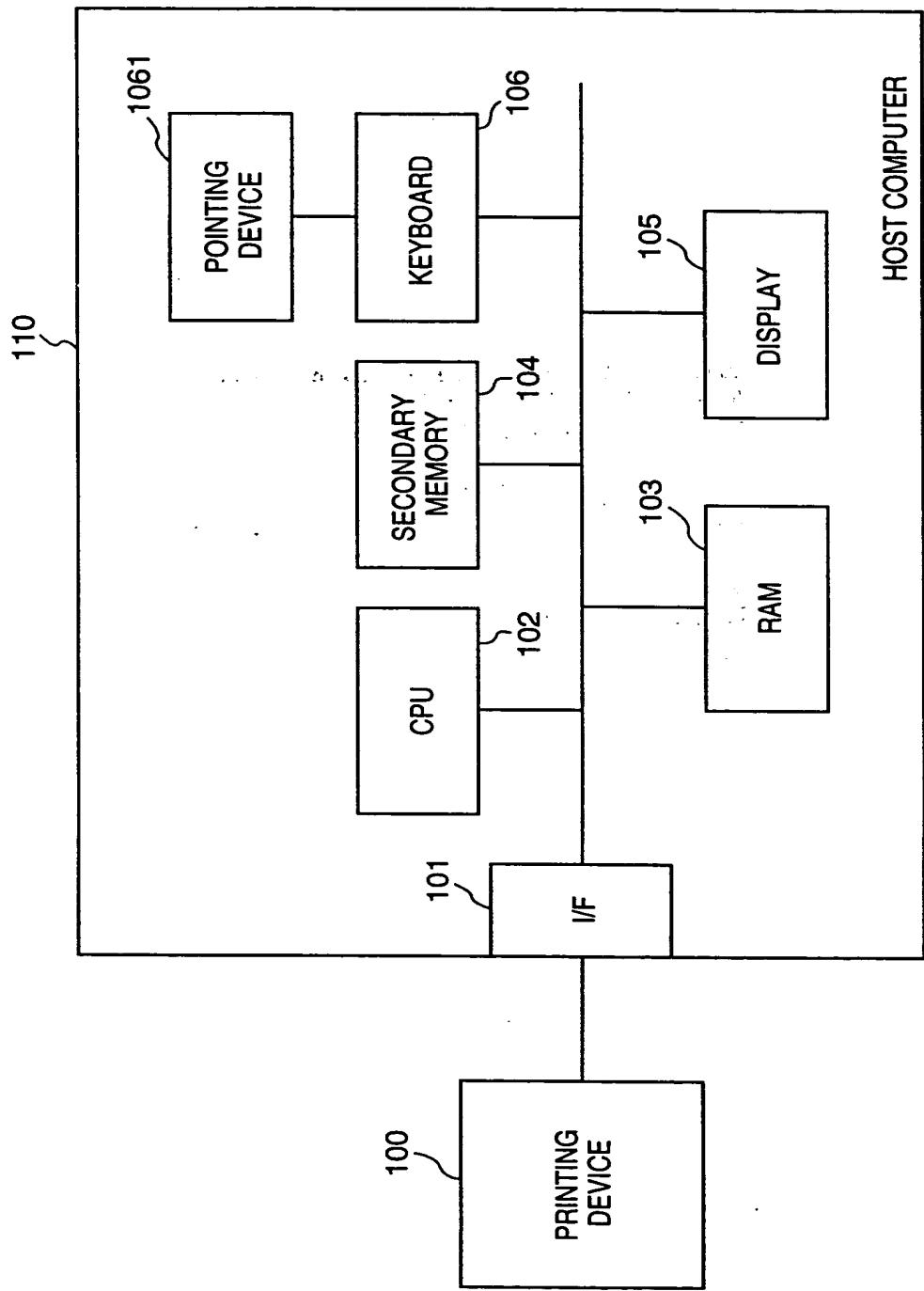


FIG. 18

SETTABLE ITEM	SETTING
PAPER SIZE	A5 A5 HORIZONTAL A4 POSTCARD ENVELOPE
PRINTING COLOR	COLOR MONOCHROME AUTOMATIC
MEDIA TYPE	PLAIN PAPER OHP FILM COATED PAPER BLACK PRINT FILM FABRIC THICK PAPER
PRINTING QUALITY	QUALITY 1 QUALITY 2 QUALITY 3 QUALITY 4 QUALITY 5
DITHER PROCESSING	AUTOMATIC SHEET FEEDER MANUAL INSERTION
COLOR INFORMATION PROCESSING	DITHER PATTERN ERROR DIFFUSION
PAPER FEED METHOD	COLOR PROCESSING ON COLOR PROCESSING OFF

FIG. 19

SETTING ITEM	SETTING
PAPER SIZE	A4
PRINTING COLOR	AUTOMATIC
MEDIA TYPE	PLAIN PAPER
PRINTING QUALITY	QUALITY 3
PAPER FEED METHOD	AUTOMATIC SHEET FEEDER
DITHER PROCESSING	DITHER PATTERN
COLOR PROCESSING INFORMATION	COLOR PROCESSING ON
RESOLUTION MESSAGE	360 × 360dpi
PRINTING MODE MESSAGE	HQ
SMOOTHING MESSAGE	OFF

FIG. 20

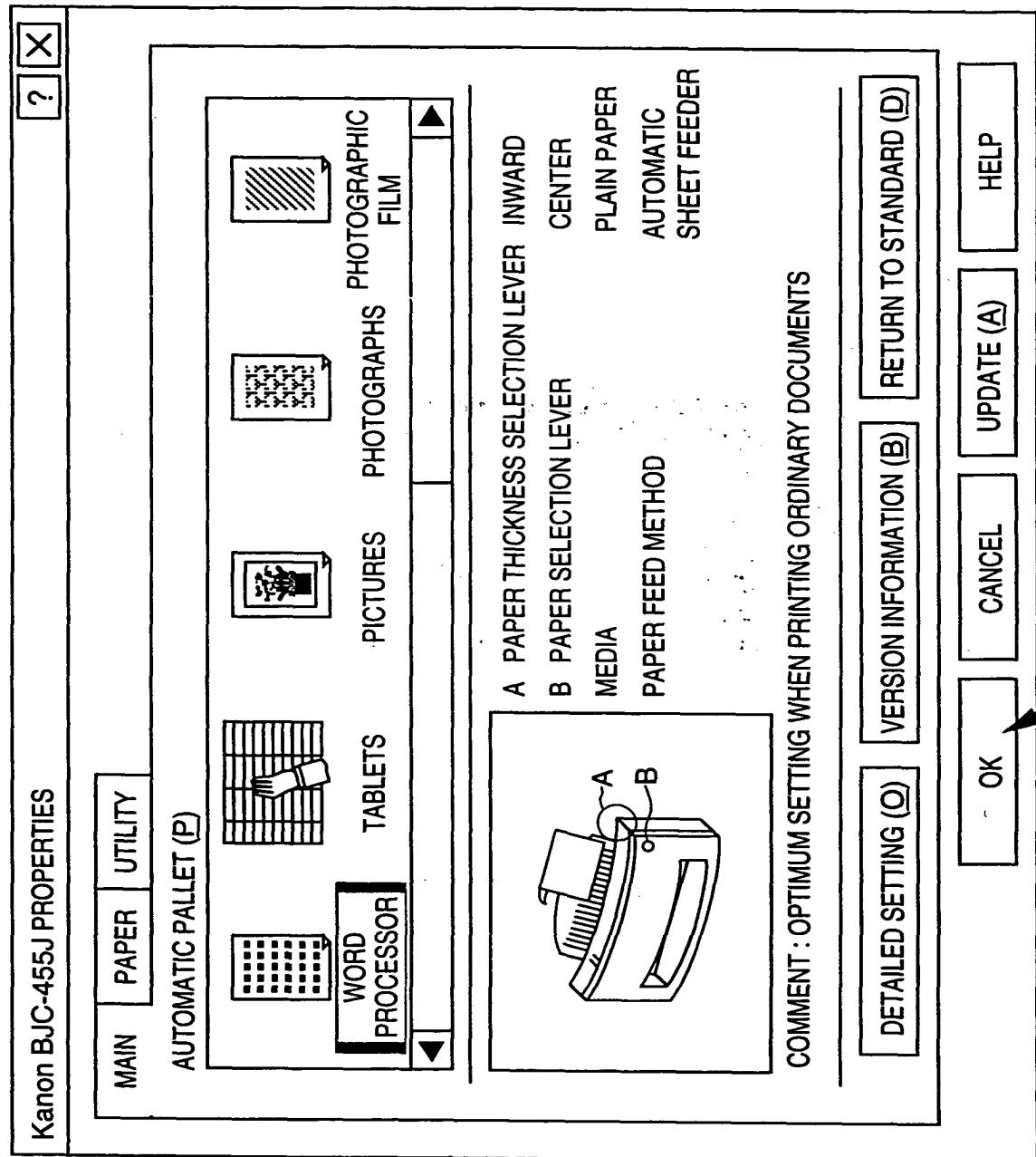


FIG. 21

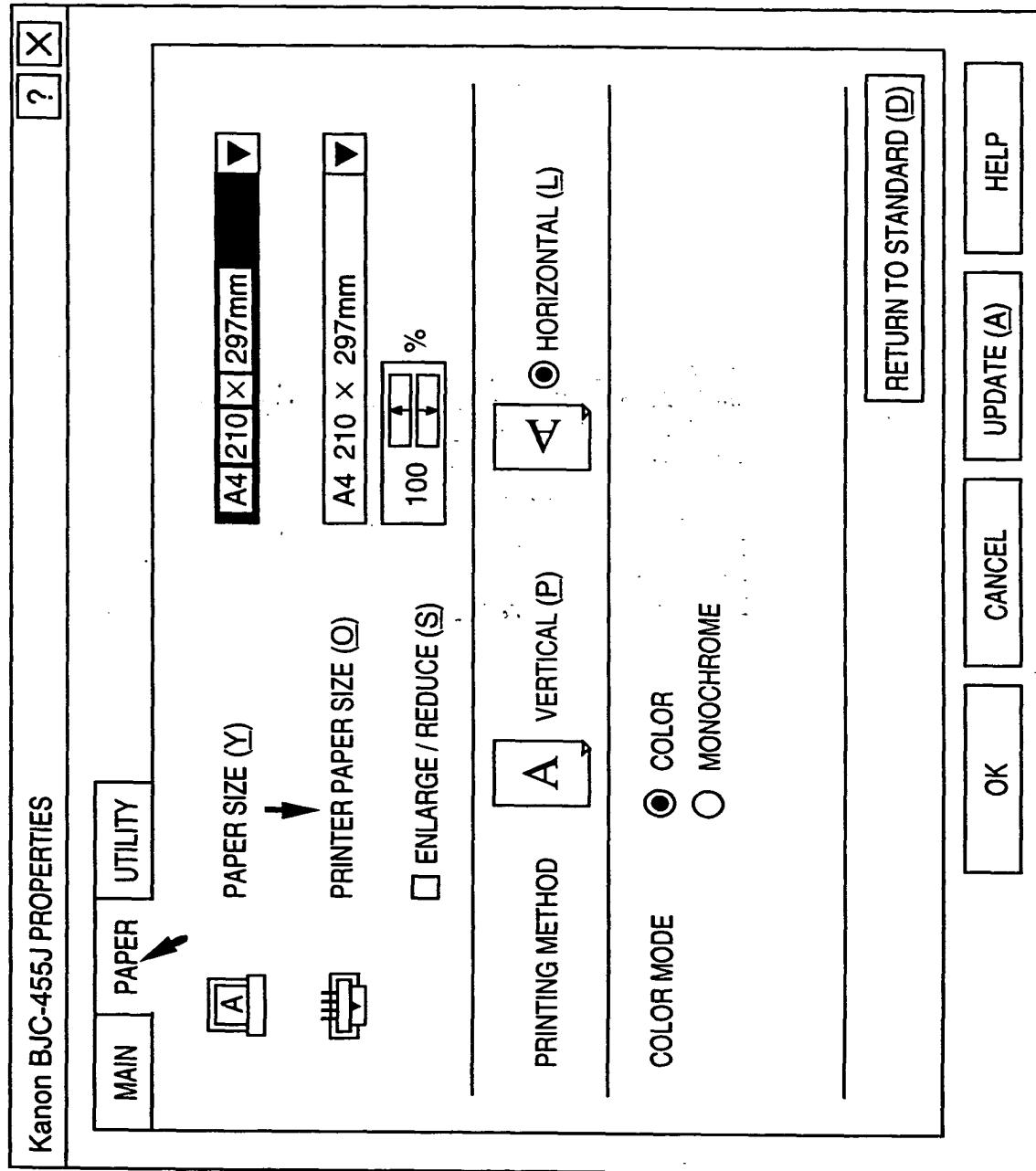


FIG. 22

WORD PROCESSOR PROPERTIES	
<input type="checkbox"/> QUALITY	<input type="checkbox"/> COLOR SETTING
SETTING REGISTRATION	
PRINTING QUALITY (Q)	
<input type="checkbox"/> a	<input type="checkbox"/> HIGH SPEED
<input type="checkbox"/> a	<input type="checkbox"/> HIGH QUALITY
RESOLUTION 360 x 360dpi	
PRINTING MODE HQ	
PAPER FEED METHOD (E)	
<input type="checkbox"/> AUTOMATIC SHEET FEEDER	▼
<input type="checkbox"/> PLAIN PAPER	▼
MEDIA (M)	
DITHER SETTING	
<input type="checkbox"/> AUTOMATIC SETTING (E)	
<input type="checkbox"/> PATTERN (HIGH SPEED)	<input type="checkbox"/> PATTERN
<input type="checkbox"/> ERROR DIFFUSION	
CARTRIDGE SELECTION	
<input type="checkbox"/> NORMAL CARTRIDGE	▼
RETURN TO STANDARD (D)	
<input type="checkbox"/> OK	→
<input type="checkbox"/> CANCEL	
<input type="checkbox"/> UPDATE (A)	
<input type="checkbox"/> HELP	

FIG. 23

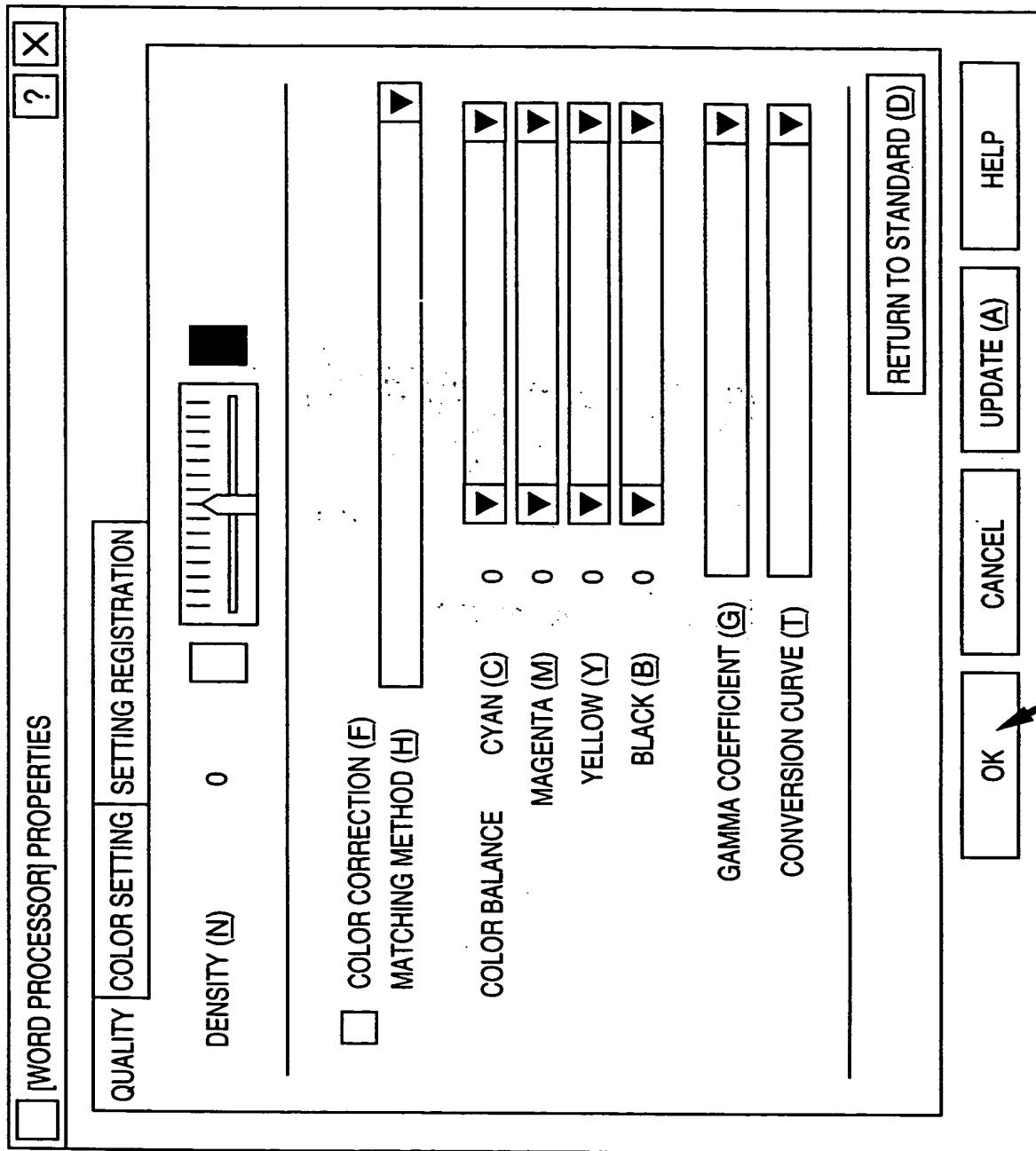


FIG. 24

Canon BJ-C-455J PROPERTIES

MAIN PAPER UTILITY

AUTOMATIC PALLET (P)

WORD PROCESSOR TABLETS PICTURES PHOTOGRAPHS PHOTOGRAPHIC FILM

◀ ▶

?

X

A PAPER THICKNESS SELECTION LEVER OUTWARD
B PAPER SELECTION LEVER
MEDIA
PAPER FEED METHOD

COMMENT : OPTIMUM SETTING WHEN PRINTING ORDINARY PHOTOGRAPHS.
USE HIGH-GLOSS FILM (OR OHP) FOR ATTRACTIVE PRINTING.

DETAILED SETTING (Q) VERSION INFORMATION (B) RETURN TO STANDARD (D)

OK CANCEL UPDATE (A) HELP

FIG. 25

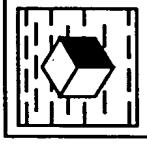
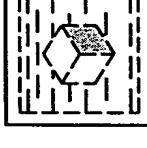
[PHOTOGRAPHIC FILM] PROPERTIES	
<input type="checkbox"/> QUALITY <input type="checkbox"/> COLOR SETTING <input type="checkbox"/> SETTING REGISTRATION	
PRINTING QUALITY (Q) <input type="checkbox"/> HIGH SPEED <input type="checkbox"/> HIGH QUALITY	
RESOLUTION 720 × 360dpi PRINTING MODE FINE	
PAPER FEED METHOD (E) <input type="checkbox"/> MANUAL INSERTION  MEDIA (M) <input type="checkbox"/> HIGH-GLOSS FILM 	
DITHER SETTING <input type="checkbox"/> AUTOMATIC SETTING (E)	
 PATTERN (HIGH SPEED)  PATTERN  ERROR DIFFUSION	
CARTRIDGE SELECTION <input type="checkbox"/> NORMAL CARTRIDGE 	
RETURN TO STANDARD (D)	
<input type="button"/> OK  <input type="button"/> CANCEL <input type="button"/> UPDATE (A) <input type="button"/> HELP	

FIG. 26

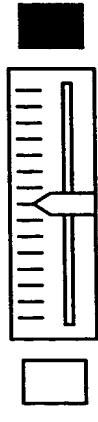
<input type="checkbox"/> [PHOTOGRAPHIC FILM] PROPERTIES																	
<input type="checkbox"/> COLOR SETTING <input type="checkbox"/> SETTING REGISTRATION																	
<input type="checkbox"/> COLOR (N) <input type="checkbox"/> DENSITY (N)																	
																	
<input checked="" type="checkbox"/> COLOR CORRECTION (E) <input type="checkbox"/> MATCHING METHOD (H)																	
<input type="checkbox"/> PHOTOGRAPH <input type="checkbox"/> VIDEO																	
<table border="1"> <tr> <td>COLOR BALANCE</td> <td>CYAN (C)</td> <td>0</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>MAGENTA (M)</td> <td>0</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>YELLOW (Y)</td> <td>0</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>BLACK (B)</td> <td>0</td> <td><input type="checkbox"/></td> </tr> </table>		COLOR BALANCE	CYAN (C)	0	<input type="checkbox"/>		MAGENTA (M)	0	<input type="checkbox"/>		YELLOW (Y)	0	<input type="checkbox"/>		BLACK (B)	0	<input type="checkbox"/>
COLOR BALANCE	CYAN (C)	0	<input type="checkbox"/>														
	MAGENTA (M)	0	<input type="checkbox"/>														
	YELLOW (Y)	0	<input type="checkbox"/>														
	BLACK (B)	0	<input type="checkbox"/>														
<table border="1"> <tr> <td>GAMMA COEFFICIENT (G)</td> <td>1.4</td> <td><input type="checkbox"/></td> </tr> <tr> <td>CONVERSION CURVE (T)</td> <td>VIDEO</td> <td><input type="checkbox"/></td> </tr> </table>		GAMMA COEFFICIENT (G)	1.4	<input type="checkbox"/>	CONVERSION CURVE (T)	VIDEO	<input type="checkbox"/>										
GAMMA COEFFICIENT (G)	1.4	<input type="checkbox"/>															
CONVERSION CURVE (T)	VIDEO	<input type="checkbox"/>															
<input type="checkbox"/> RETURN TO STANDARD (D)																	
<input type="checkbox"/> OK <input type="checkbox"/> CANCEL <input type="checkbox"/> UPDATE (A) <input type="checkbox"/> HELP																	

FIG. 27

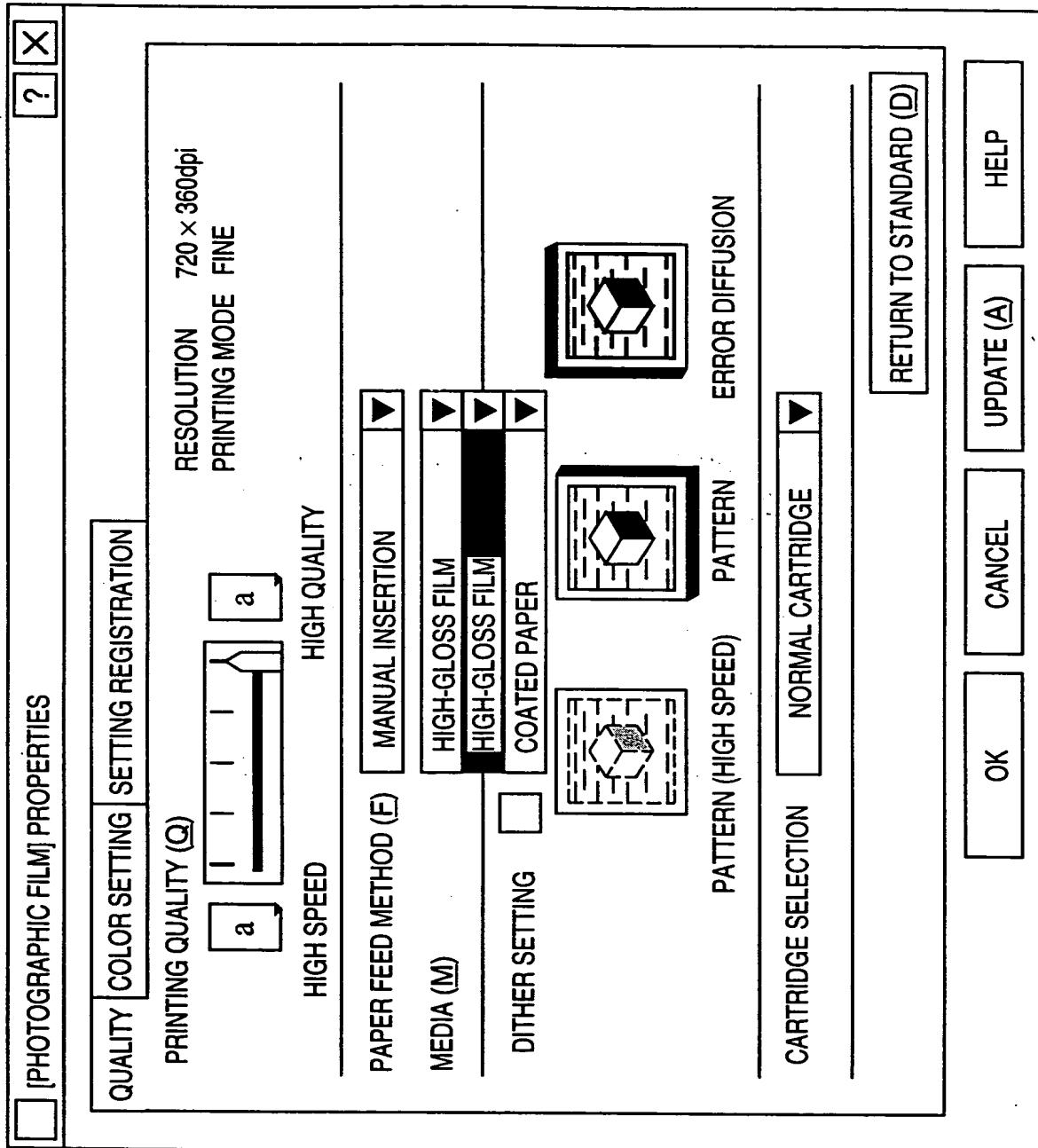


FIG. 28

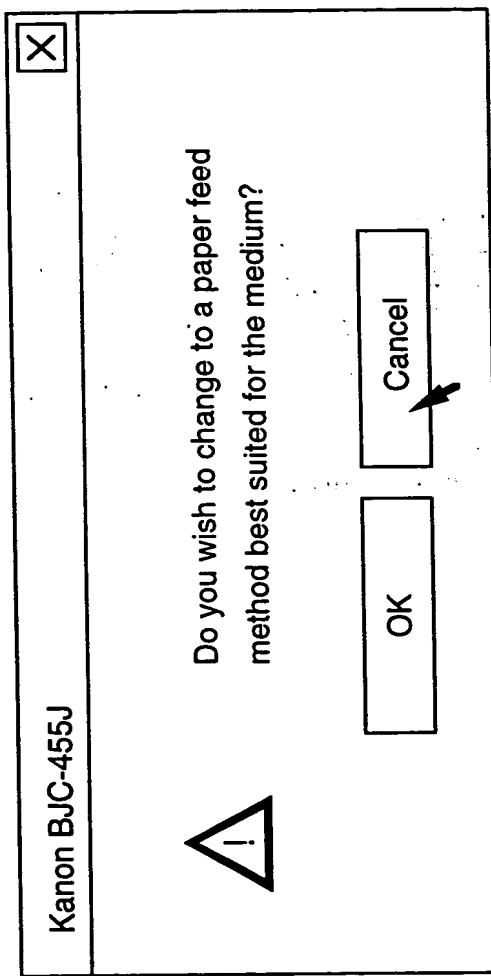


FIG. 29

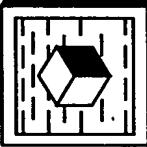
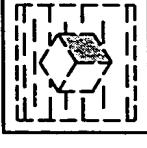
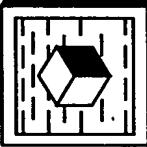
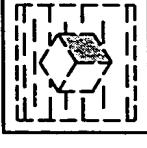
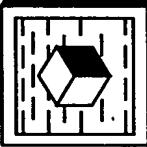
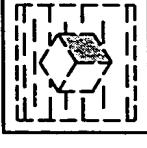
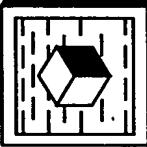
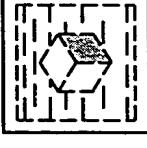
[PHOTOGRAPHIC FILM (UPDATED)] PROPERTIES					
<input type="checkbox"/> COLOR SETTING <input type="checkbox"/> SETTING REGISTRATION					
PRINTING QUALITY (Q) <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td><input type="checkbox"/></td><td></td></tr> <tr><td><input type="checkbox"/></td><td></td></tr> </table> RESOLUTION 720 × 360dpi PRINTING MODE FINE		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>					
<input type="checkbox"/>					
HIGH SPEED <input type="checkbox"/> HIGH QUALITY <input type="checkbox"/>					
PAPER FEED METHOD (F) <input type="checkbox"/> AUTOMATIC SHEET FEEDER 					
MEDIA (M) <input type="checkbox"/> COATED PAPER 					
DITHER SETTING <input type="checkbox"/> AUTOMATIC SETTING (E) <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td></tr> <tr><td></td></tr> </table>					
					
					
PATTERN (HIGH SPEED)  PATTERN  ERROR DIFFUSION					
CARTRIDGE SELECTION <input type="checkbox"/> NORMAL CARTRIDGE 					
<input type="checkbox"/> RETURN TO STANDARD (D)					
OK <input type="checkbox"/> CANCEL <input type="checkbox"/> UPDATE (A) <input type="checkbox"/> HELP					

FIG. 30

[PHOTOGRAPHIC FILM (UPDATED)] PROPERTIES	
<input type="checkbox"/> QUALITY	<input type="checkbox"/> COLOR SETTING
<input type="checkbox"/> SETTING REGISTRATION	<input type="checkbox"/> X
PRINTING QUALITY (Q)	
<input type="checkbox"/> HIGH SPEED	<input type="checkbox"/> HIGH QUALITY
RESOLUTION 720 x 360dpi	
PRINTING MODE FINE	
MEDIA (M)	
<input type="checkbox"/> PAPER FEED METHOD (F)	<input type="checkbox"/> AUTOMATIC SHEET FEEDER 
<input type="checkbox"/> DITHER SETTING	<input type="checkbox"/> AUTOMATIC SETTING (E) 
CARTRIDGE SELECTION	
CARTIDGE SELECTION	
NORMAL CARTRIDGE 	
PATTERN (HIGH SPEED)	
PATTERN 	
ERROR DIFFUSION	
RETURN TO STANDARD (D)	
<input type="checkbox"/> OK	<input type="checkbox"/> CANCEL
<input type="checkbox"/> UPDATE (A)	<input type="checkbox"/> HELP

Replacement Sheet

FIG. 31

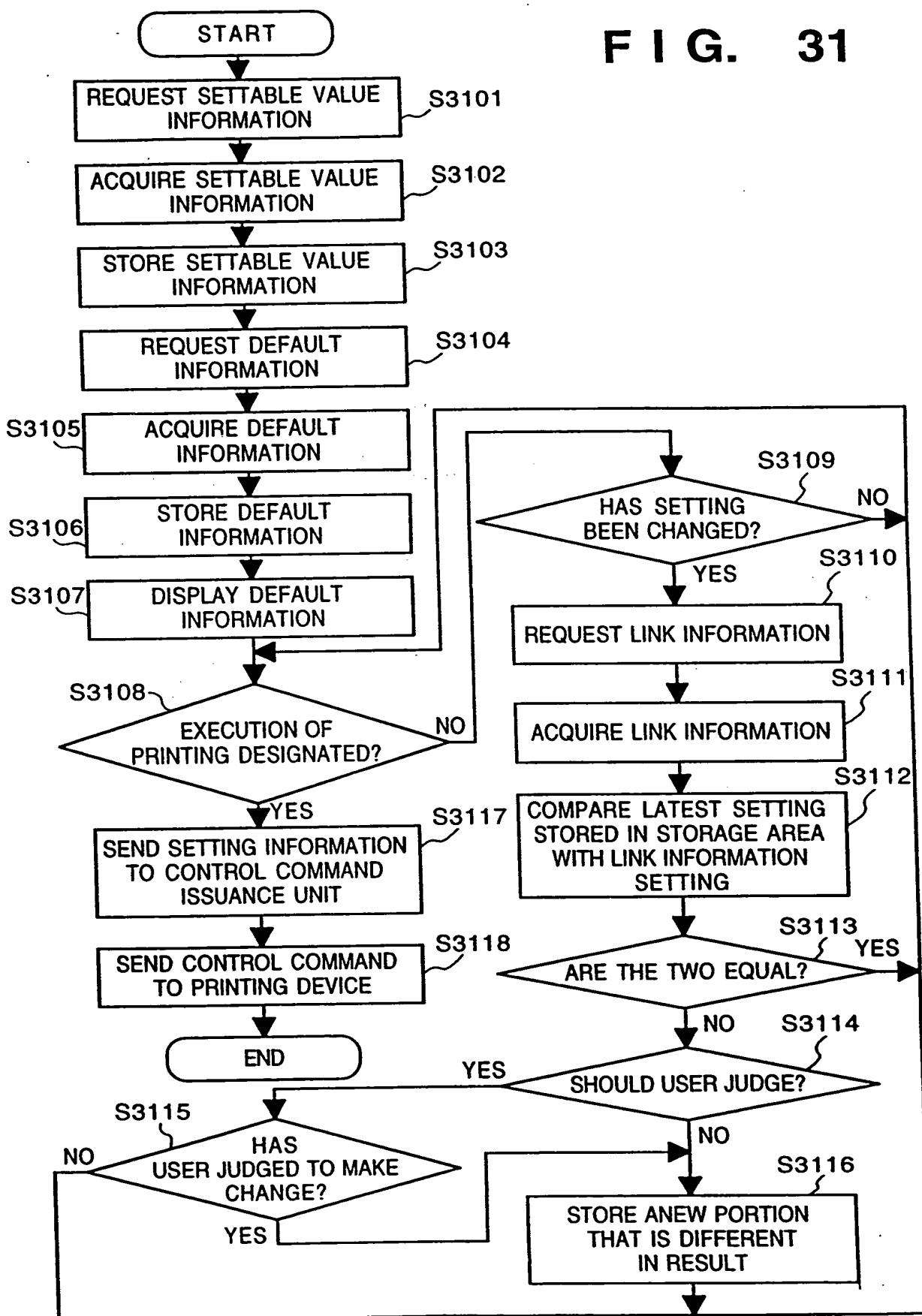


FIG. 32

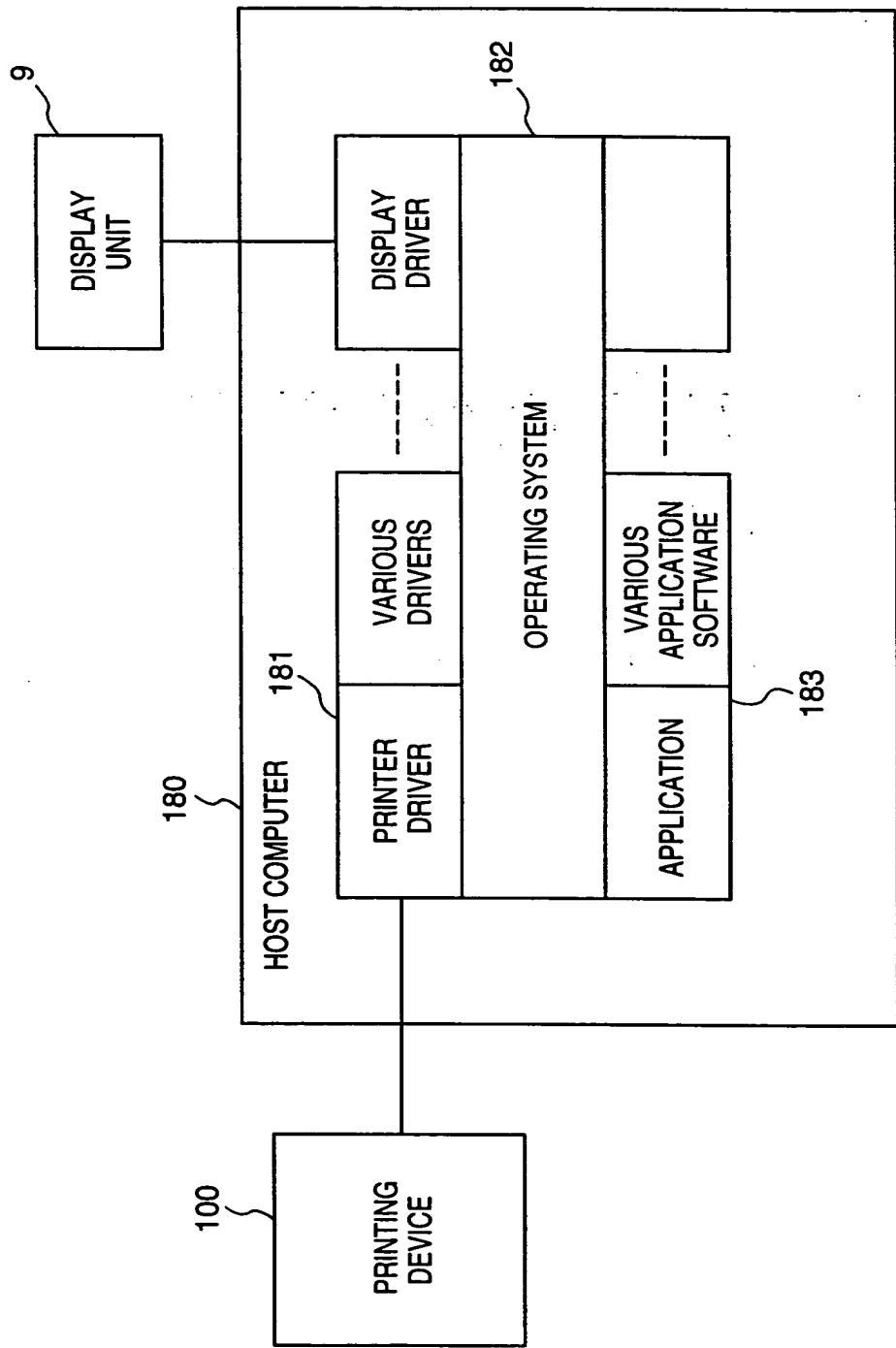


FIG. 33

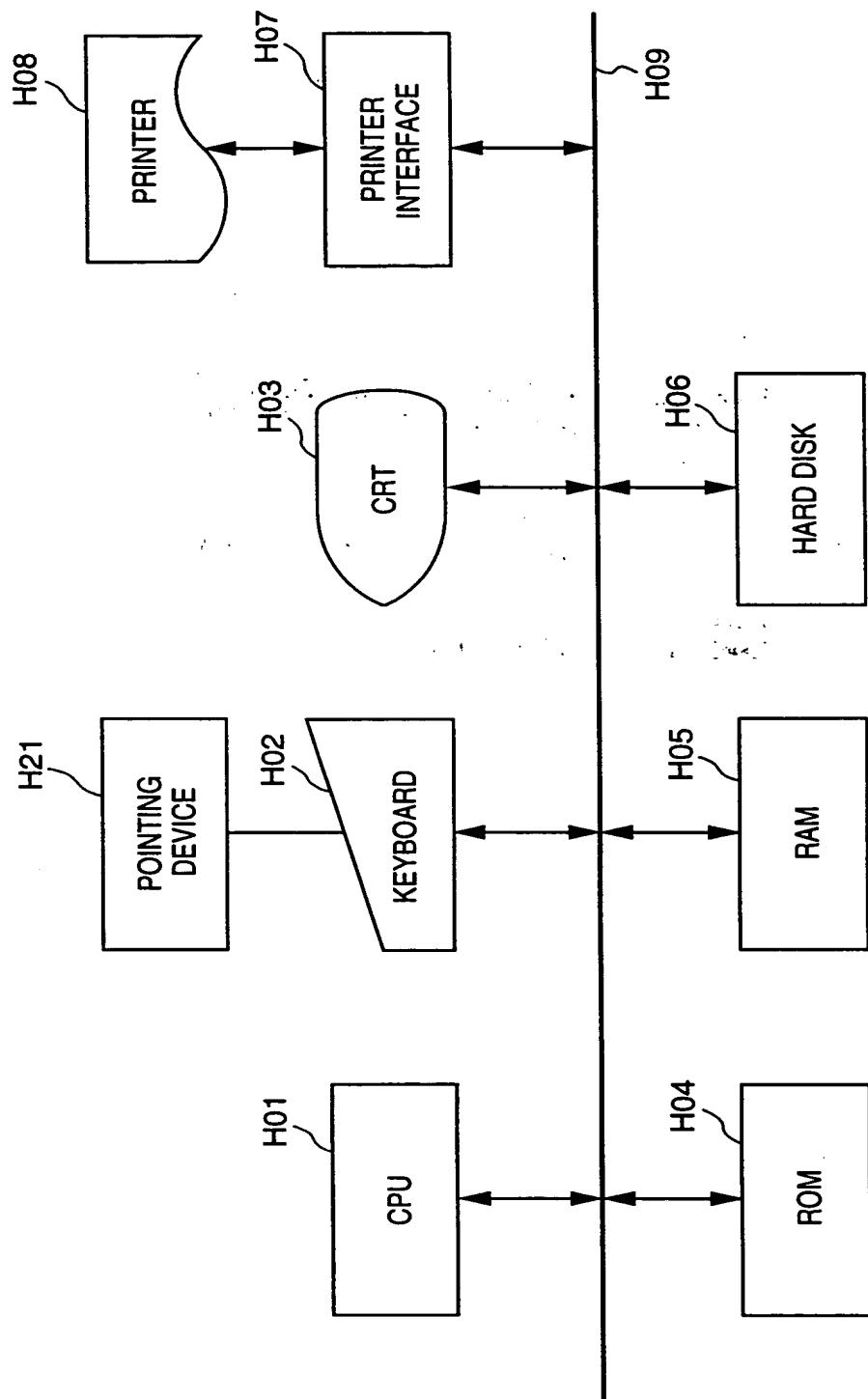


FIG. 34

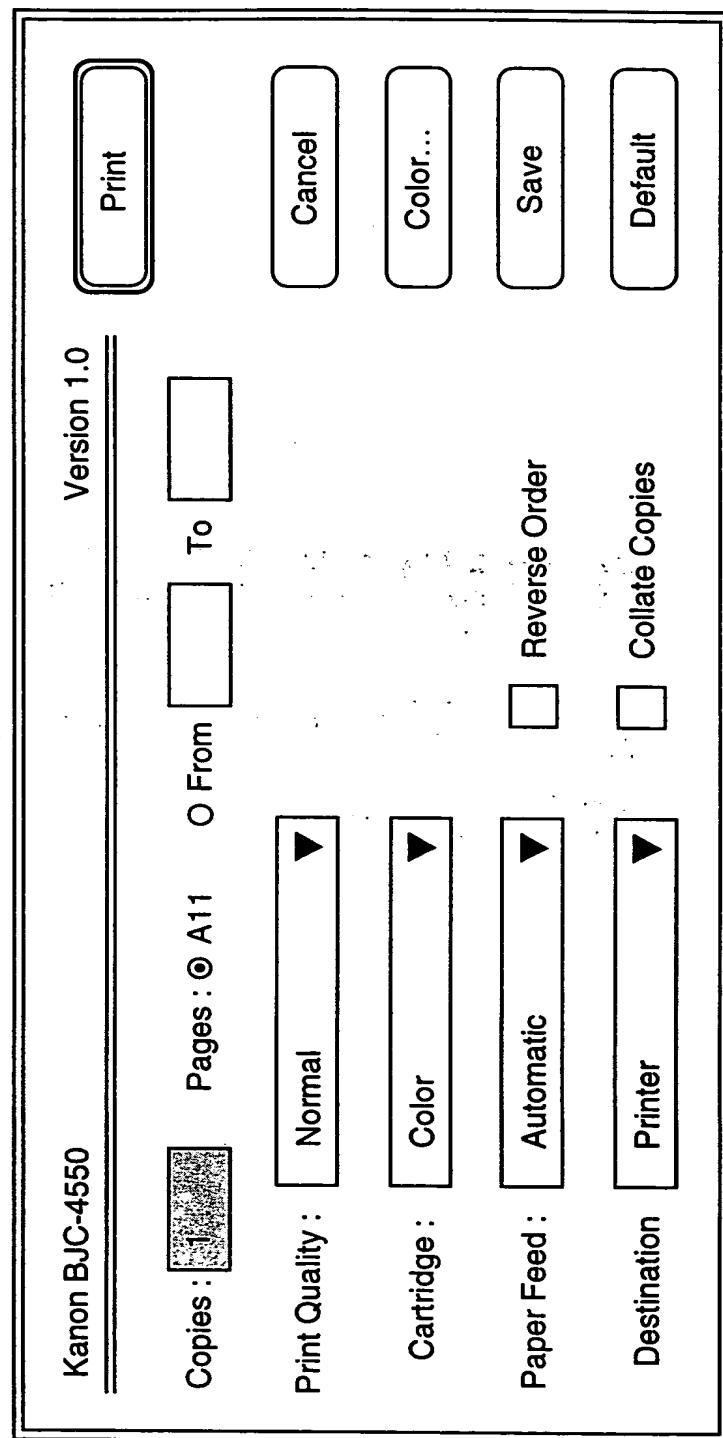


FIG. 35

Monochrome
✓ Color
Photo Color

FIG. 36

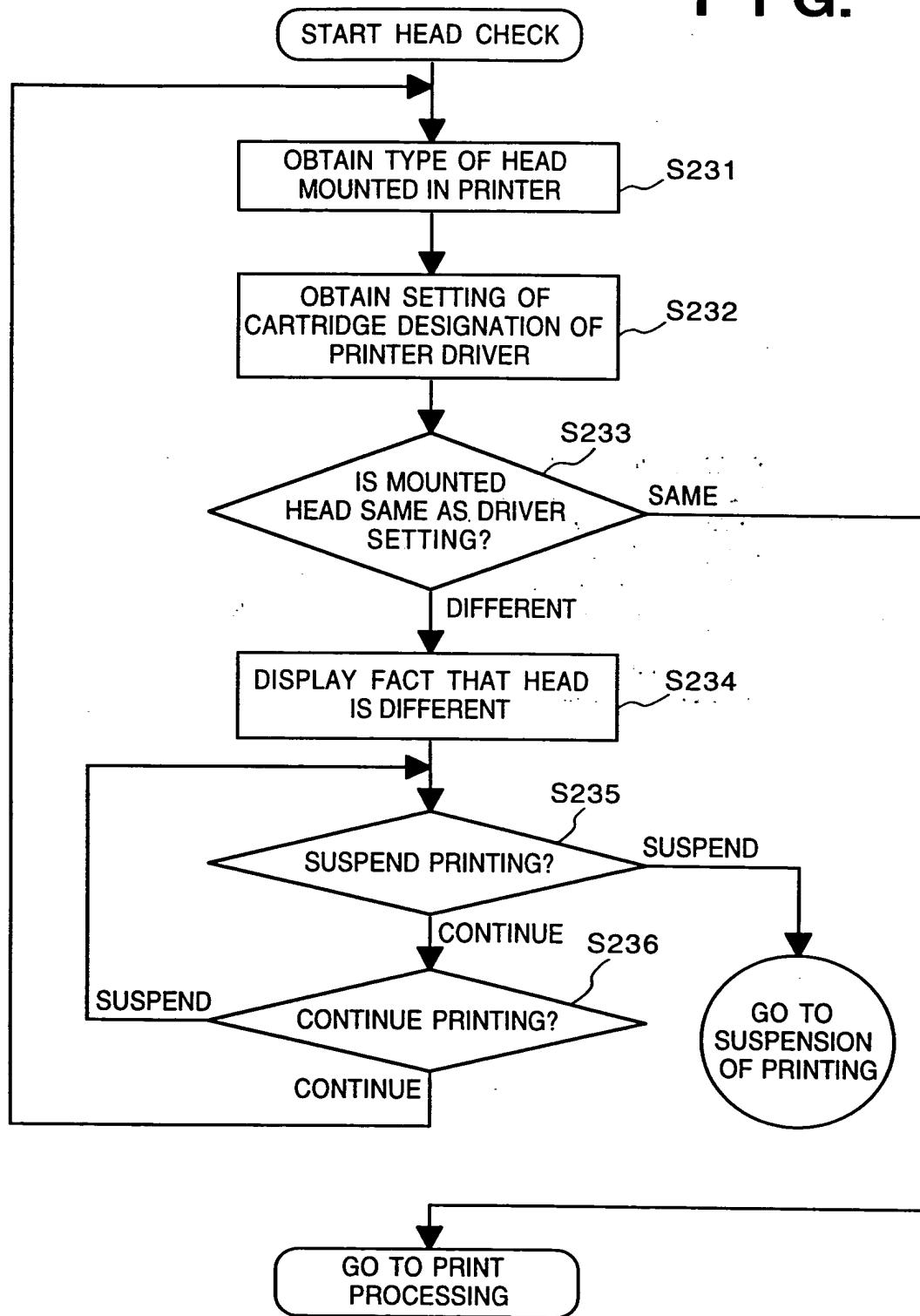


BJC-4550 Error number : D12
Color BJ cartridge is not installed.
Please replace the black BJ cartridge
with a color BJ cartridge

Continue

Stop

F I G. 37



38 FIG.

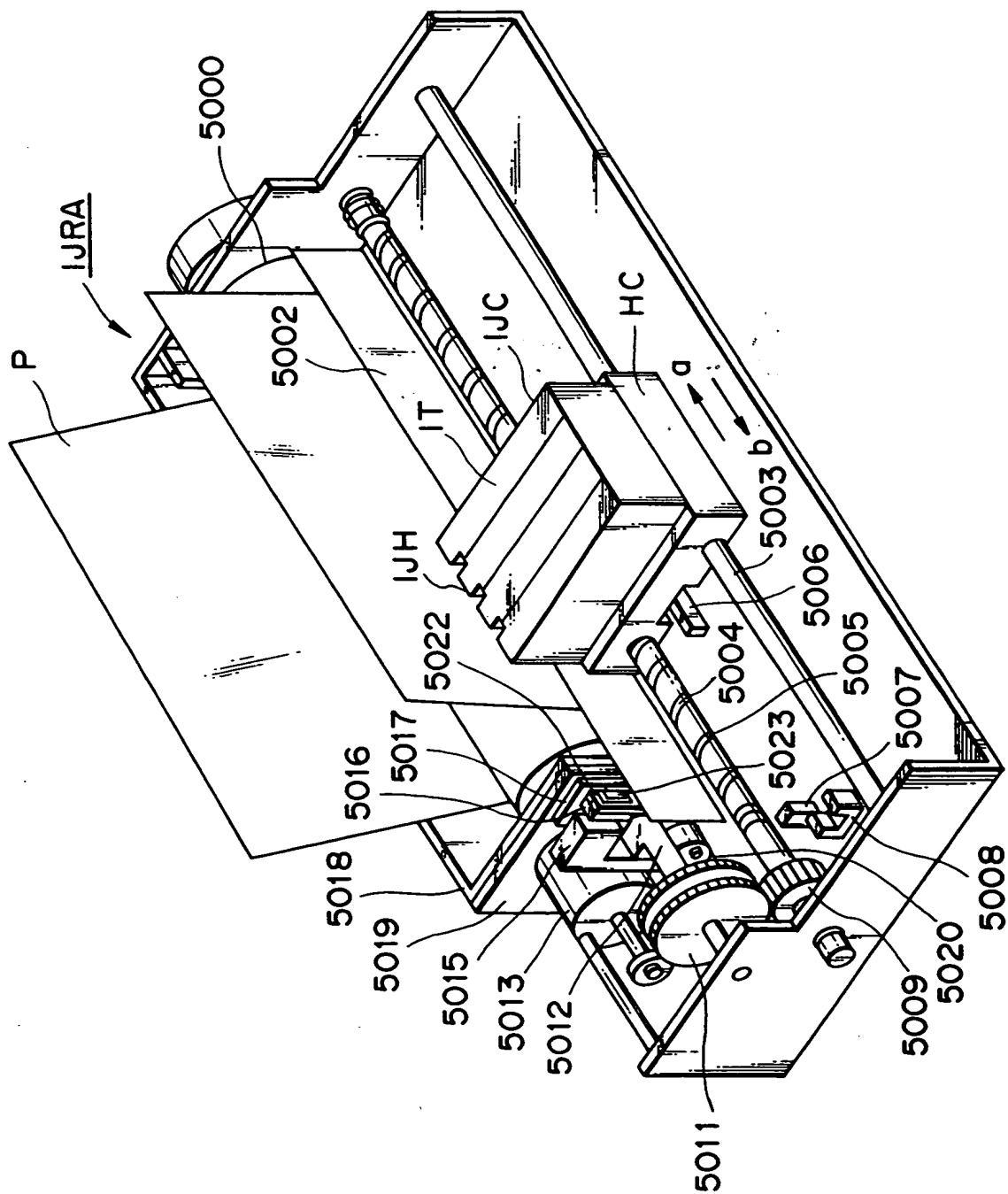


FIG. 39

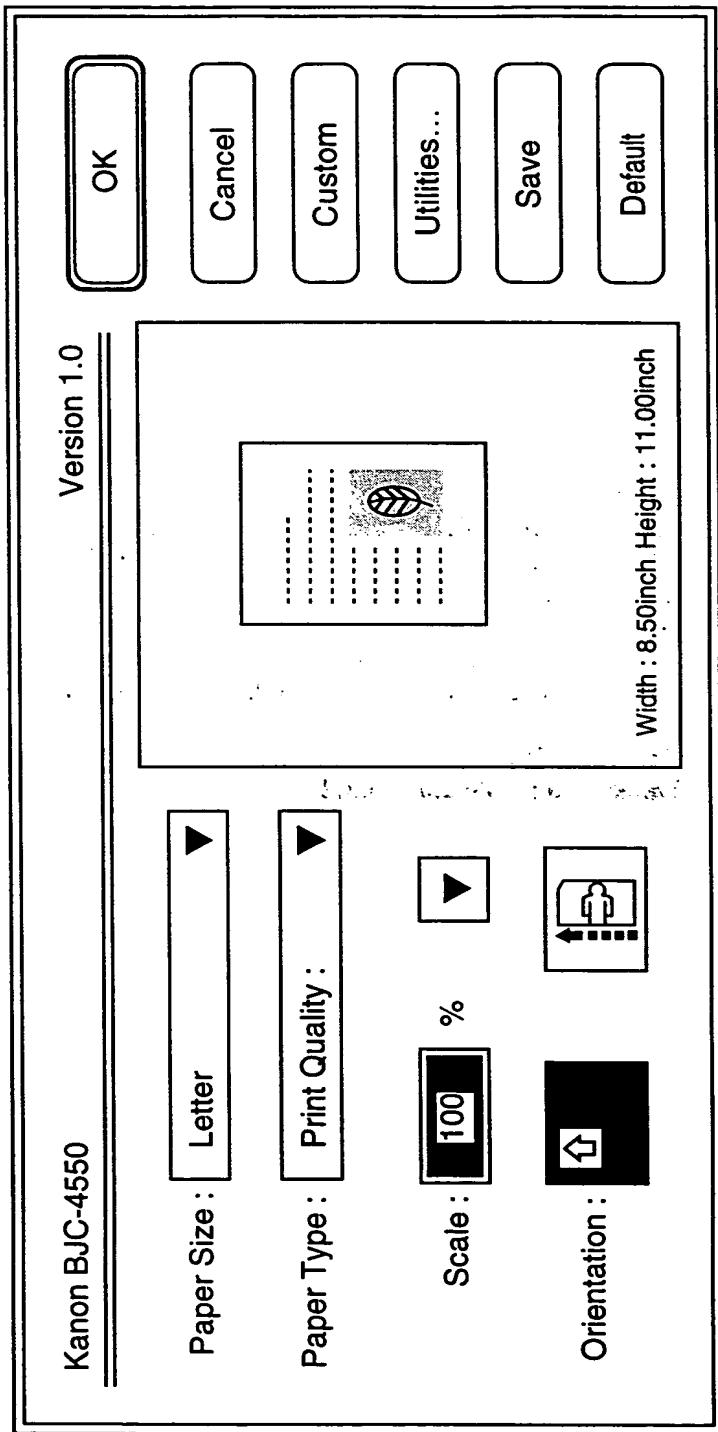


FIG. 40

- A3
- A4
- B4
- A5
- B5
- Letter
- Legal
- Tabloid
- #10 Envelop
- DL Envelop
- Custom 1
- Custom 2
- Custom 3

FIG. 41



BJC-4550 Error number : D1

Paper Size is not correct.

Please replace A4 paper with A3 paper.

Continue

Stop

FIG. 42

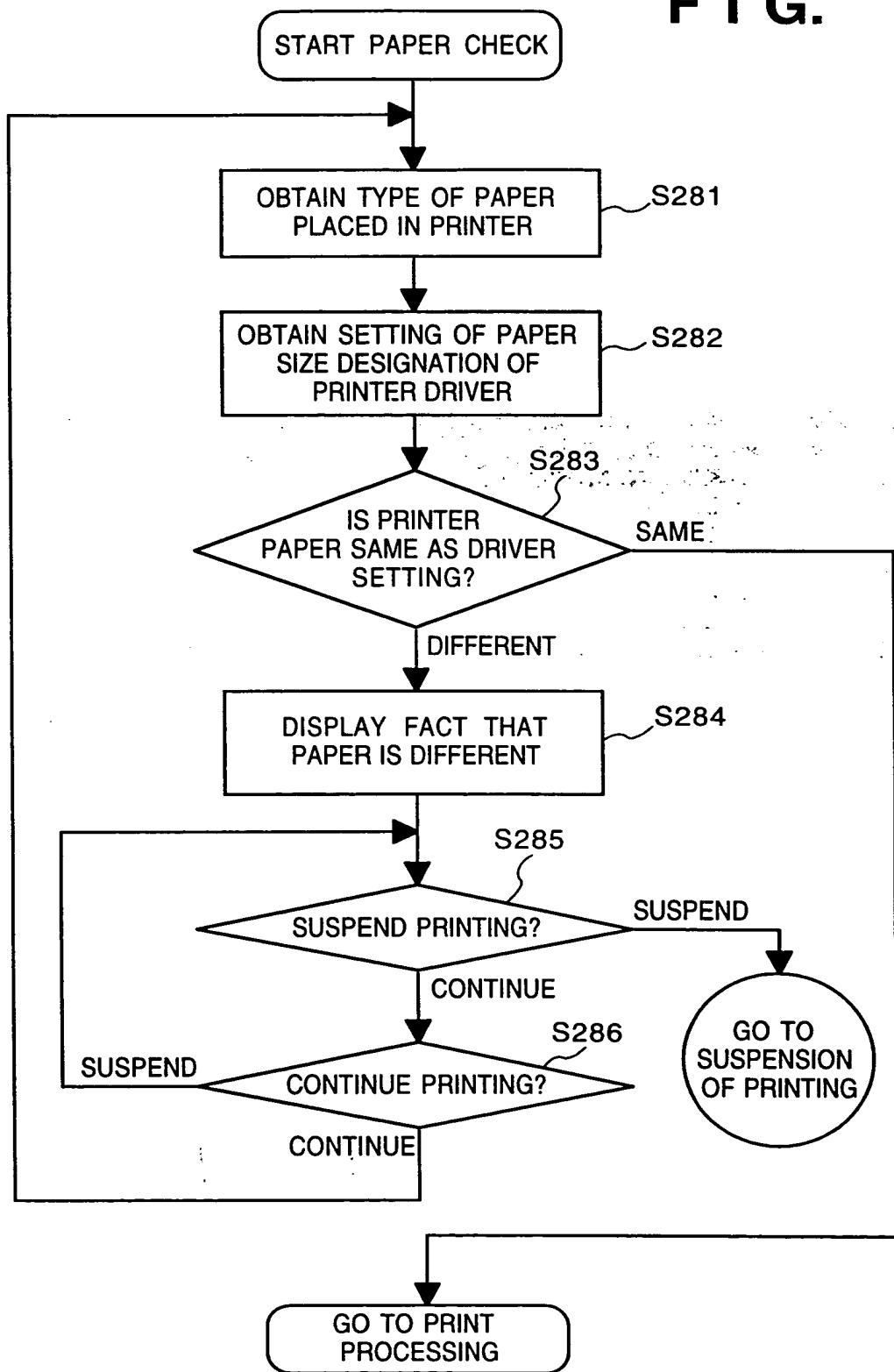


FIG. 43

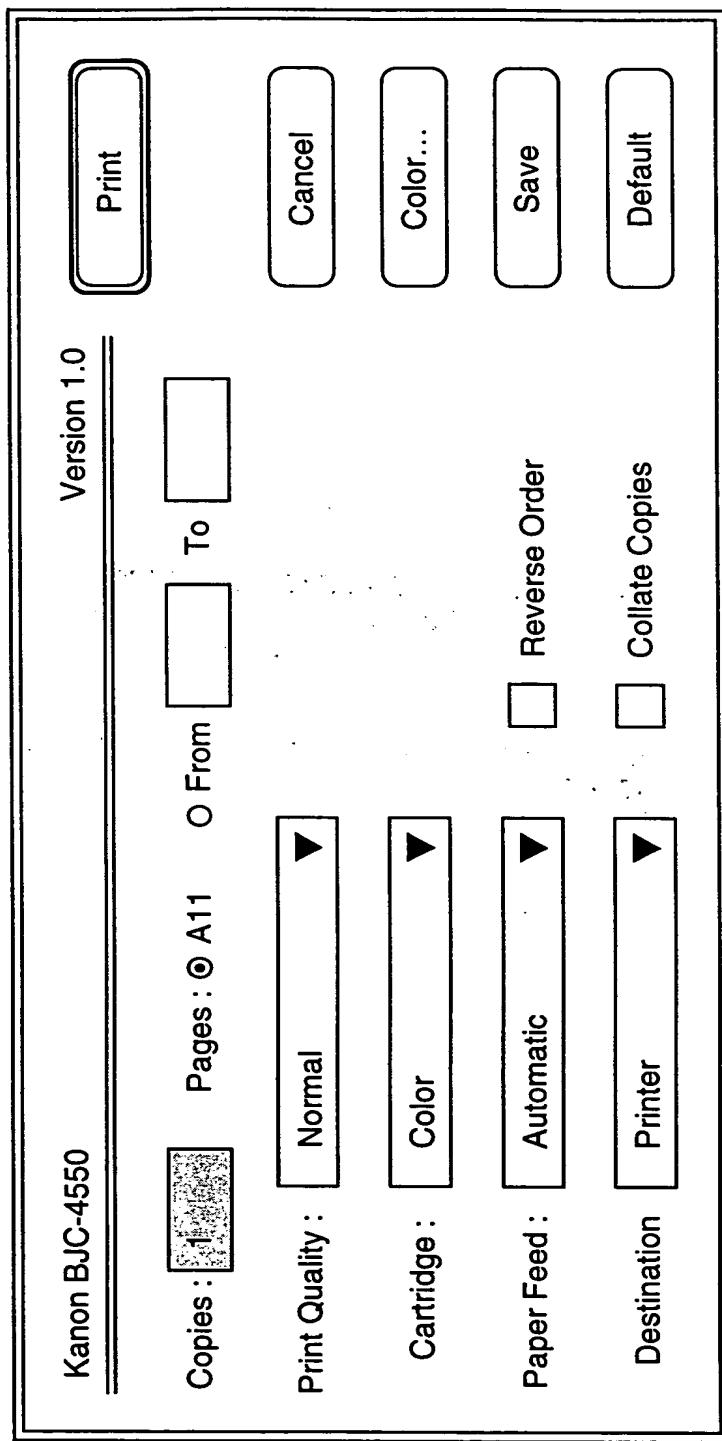


FIG. 44

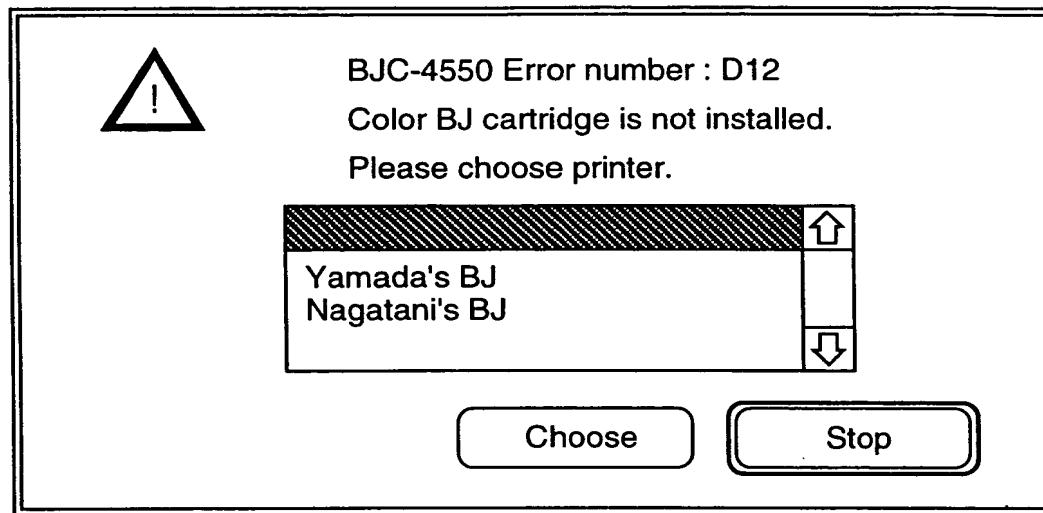
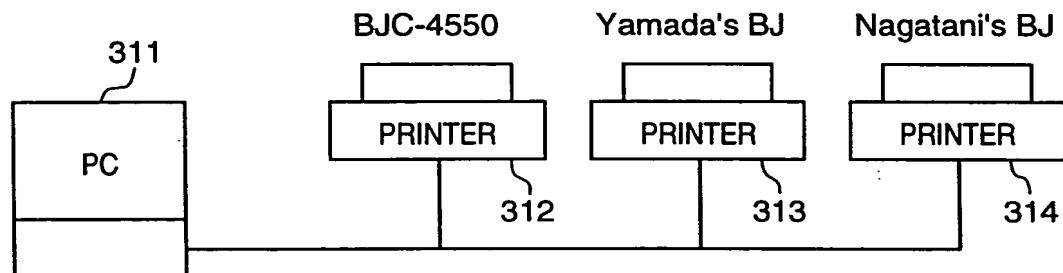


FIG. 45



F I G. 46

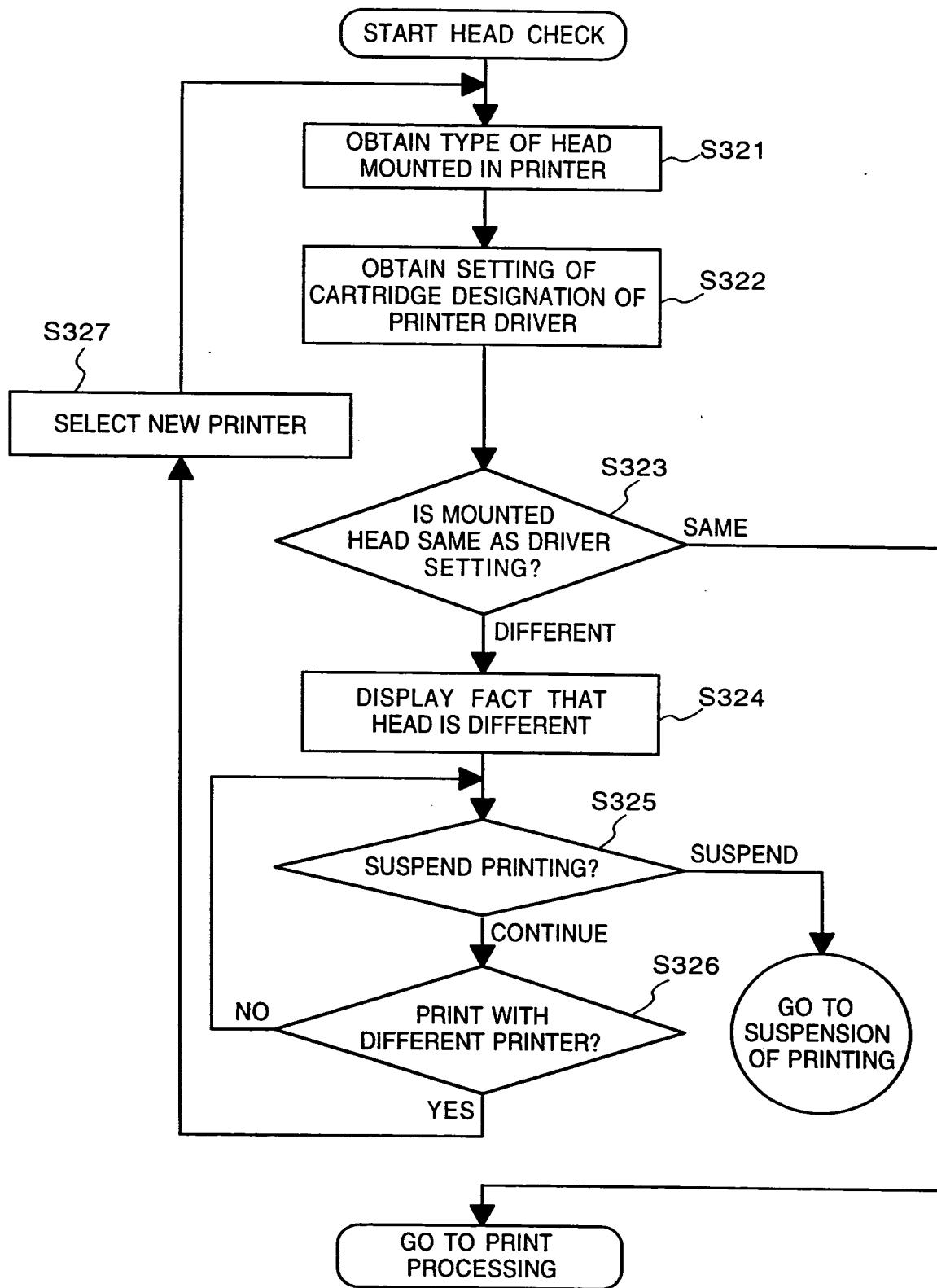


FIG. 47

Kanon BJC-4550

Version 1.0

Copies : Pages : A11 From To

Print Quality : Normal Color

Cartridge : Color Black

Paper Feed : Automatic Manual

Destination : Printer Scanner

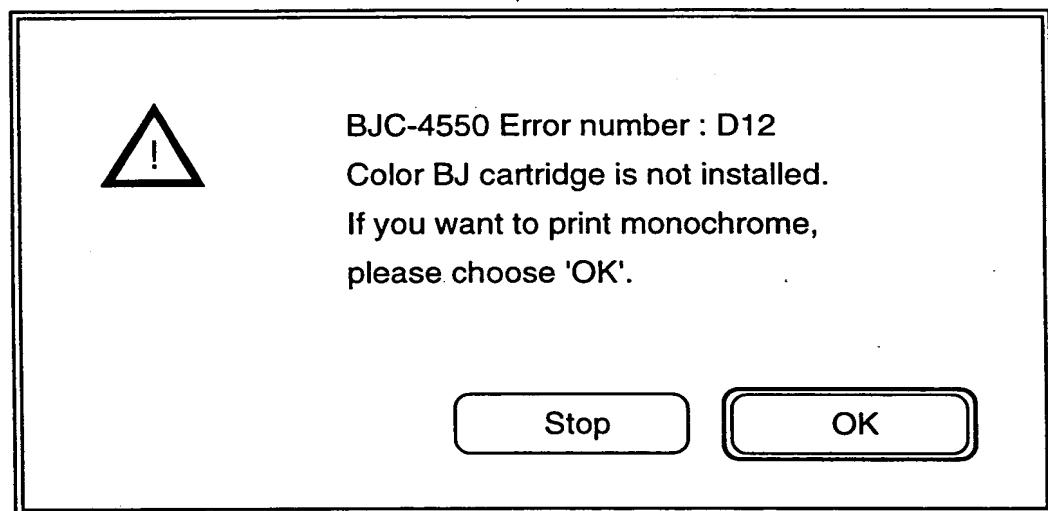
Reverse Order Collate Copies

Save Default

Cancel Color...

Print

FIG. 48



F I G. 49

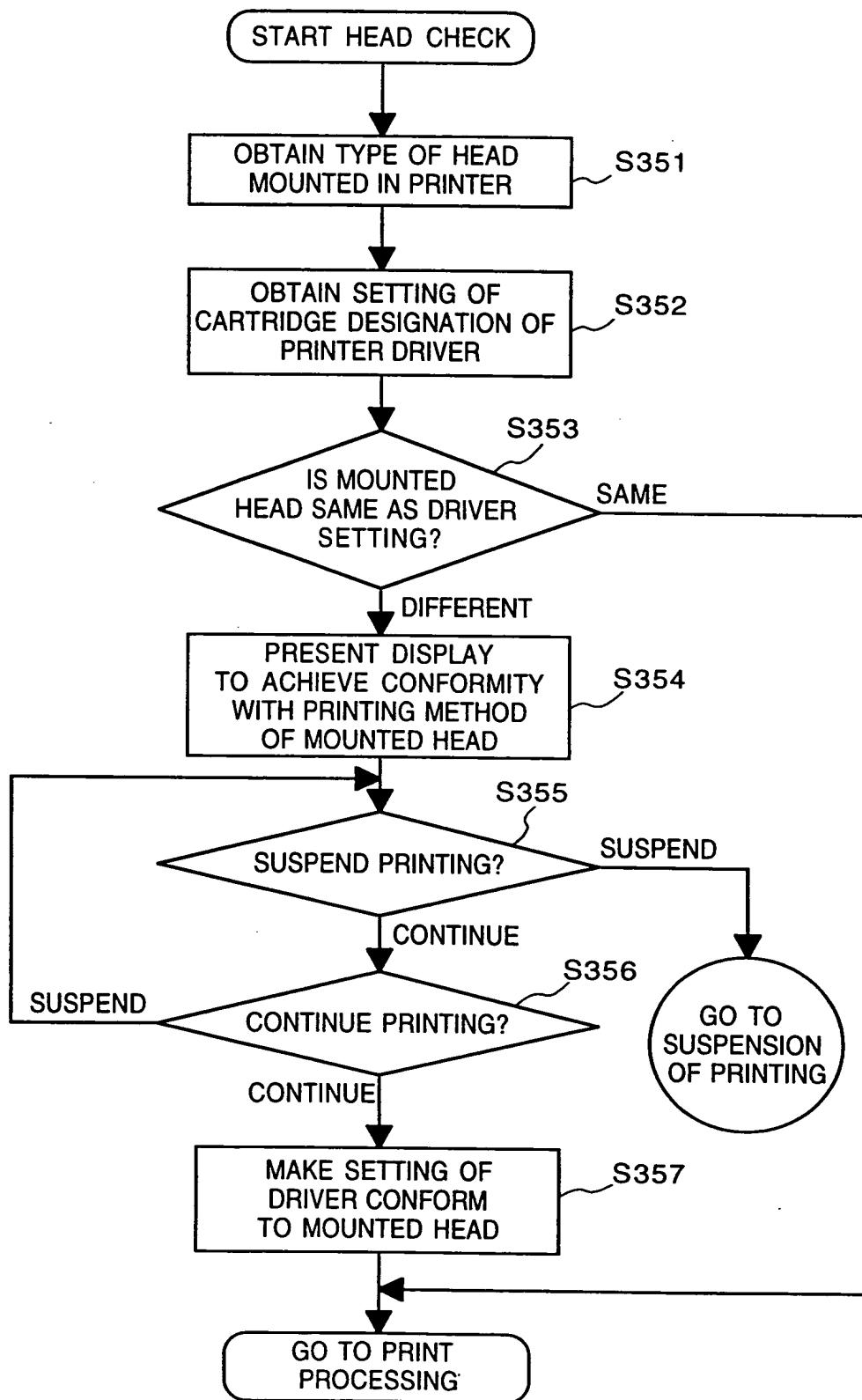


FIG. 50

Kanon BJC-4550	
<hr/> Version 1.0 <hr/>	
Copies : <input checked="" type="checkbox"/>	Pages : <input checked="" type="checkbox"/> A11 <input type="checkbox"/> From <input type="text"/> To <input type="text"/>
Print Quality : <input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Normal"/>	<input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Cancel"/>
Cartridge : <input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Color"/>	<input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Color..."/>
Paper Feed : <input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Automatic"/>	<input type="checkbox"/> Reverse Order
Destination <input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Printer"/>	<input type="checkbox"/> Collate Copies
<input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Print"/>	
<input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Save"/>	
<input style="border: 1px solid black; border-radius: 5px; padding: 2px 10px; font-size: 10px; font-weight: bold; text-decoration: none; color: black; background-color: white; text-align: center; width: 100%; height: 100%;" type="button" value="Default"/>	

FIG. 51

- Monochrome
- Color
- Photo Color

FIG. 52

- Monochrome
- Color
- Photo Color

FIG. 53

- Monochrome
- Color
- Photo Color

FIG. 54

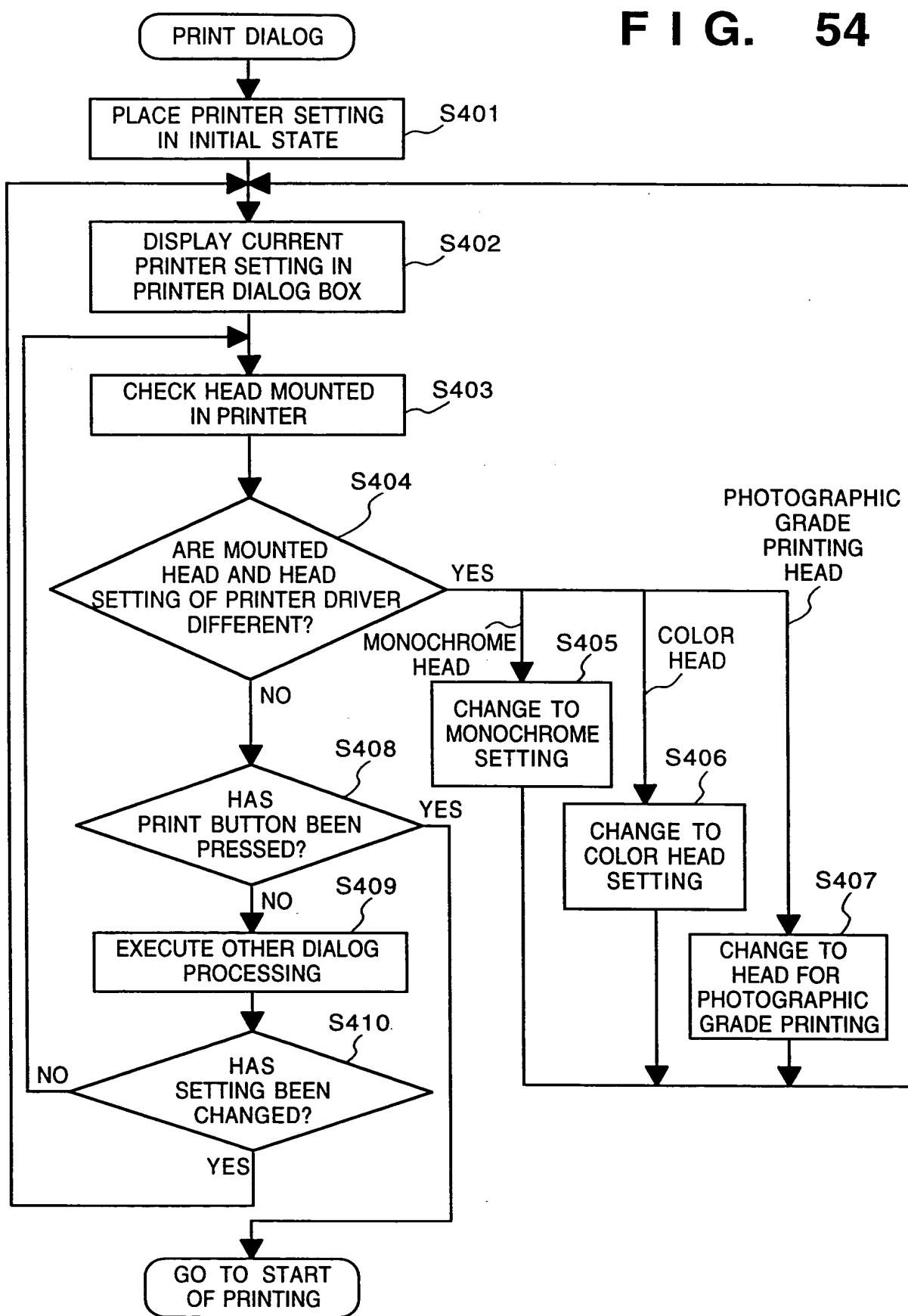


FIG. 55

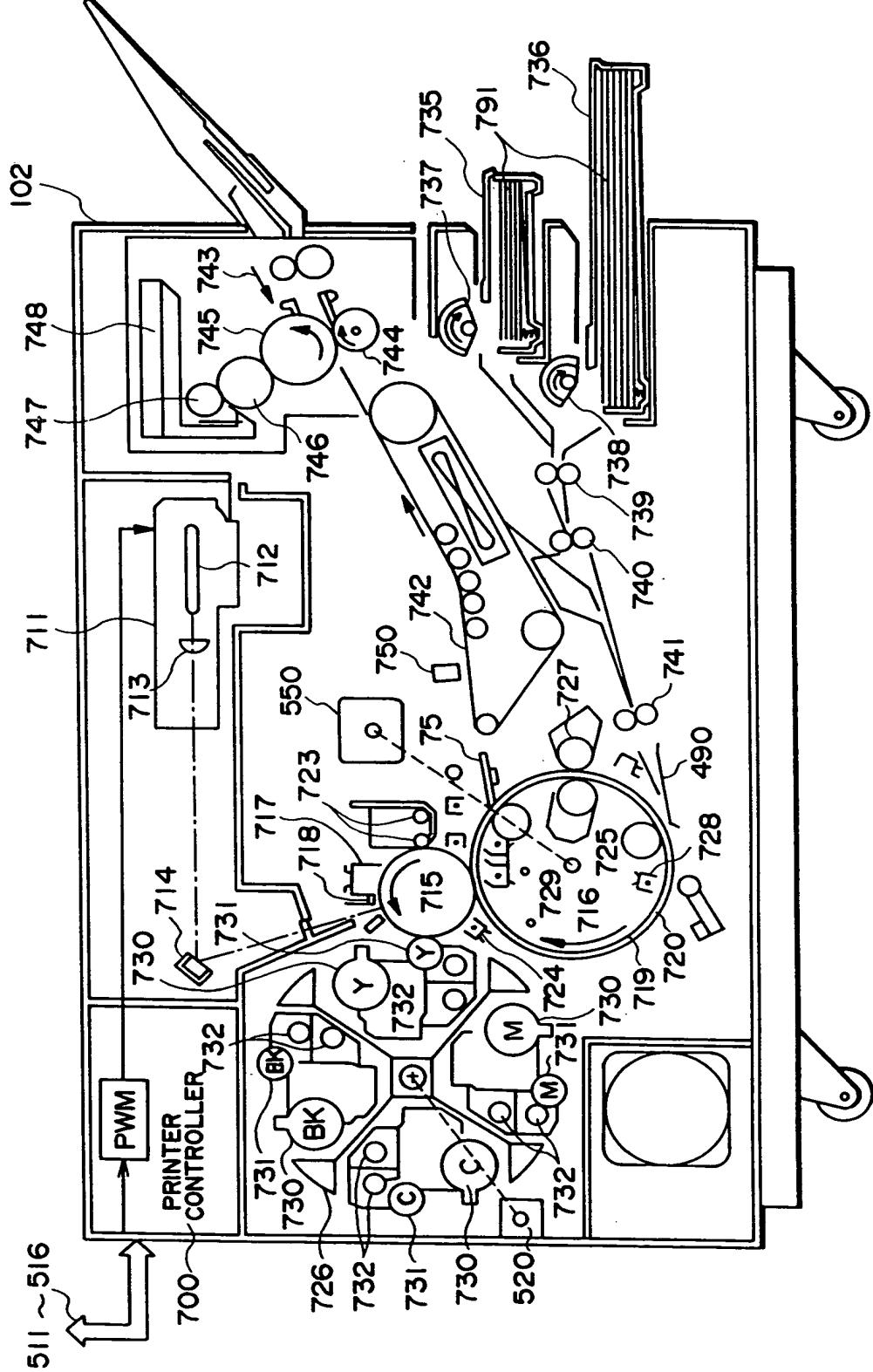


FIG. 56

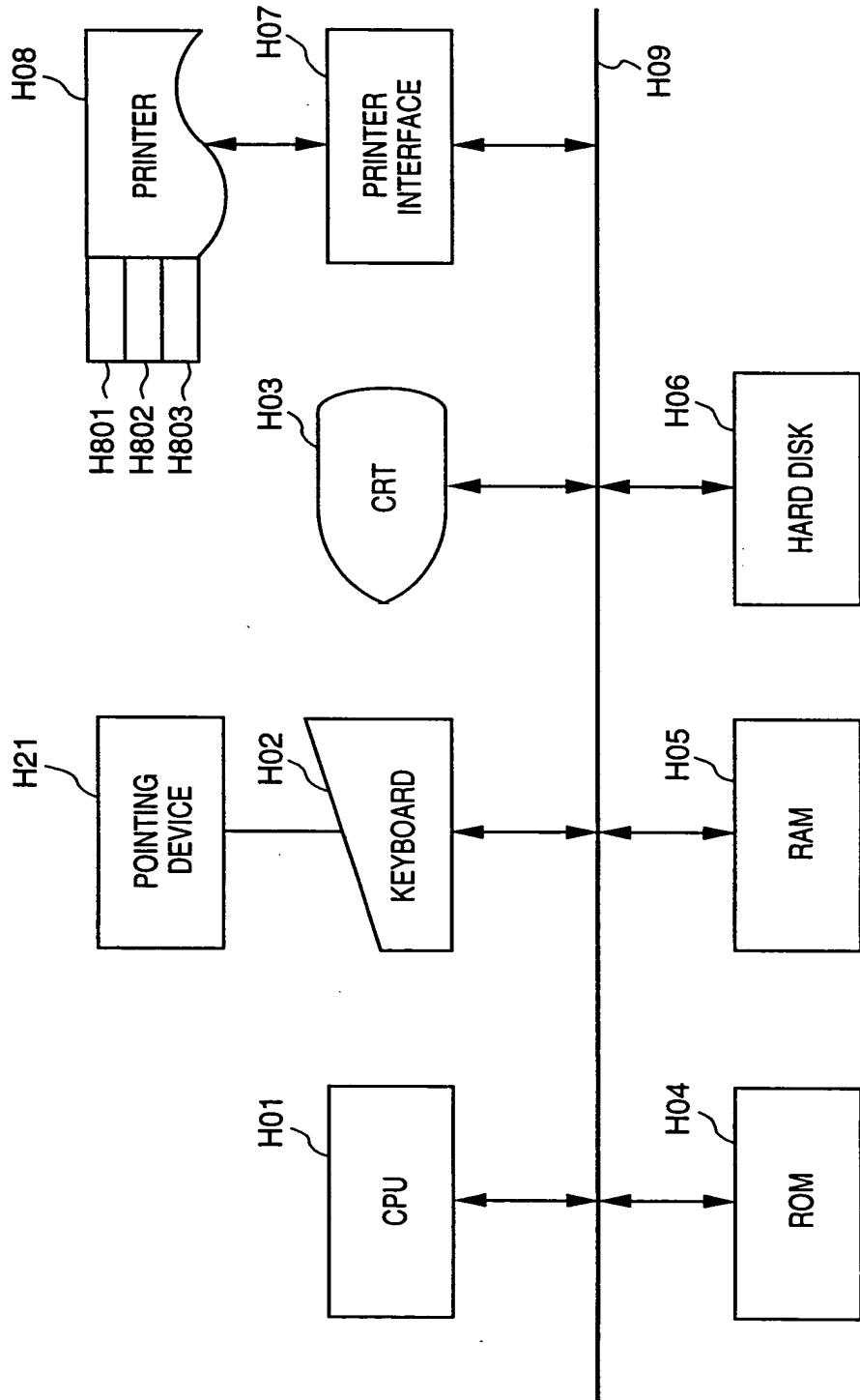


FIG. 57

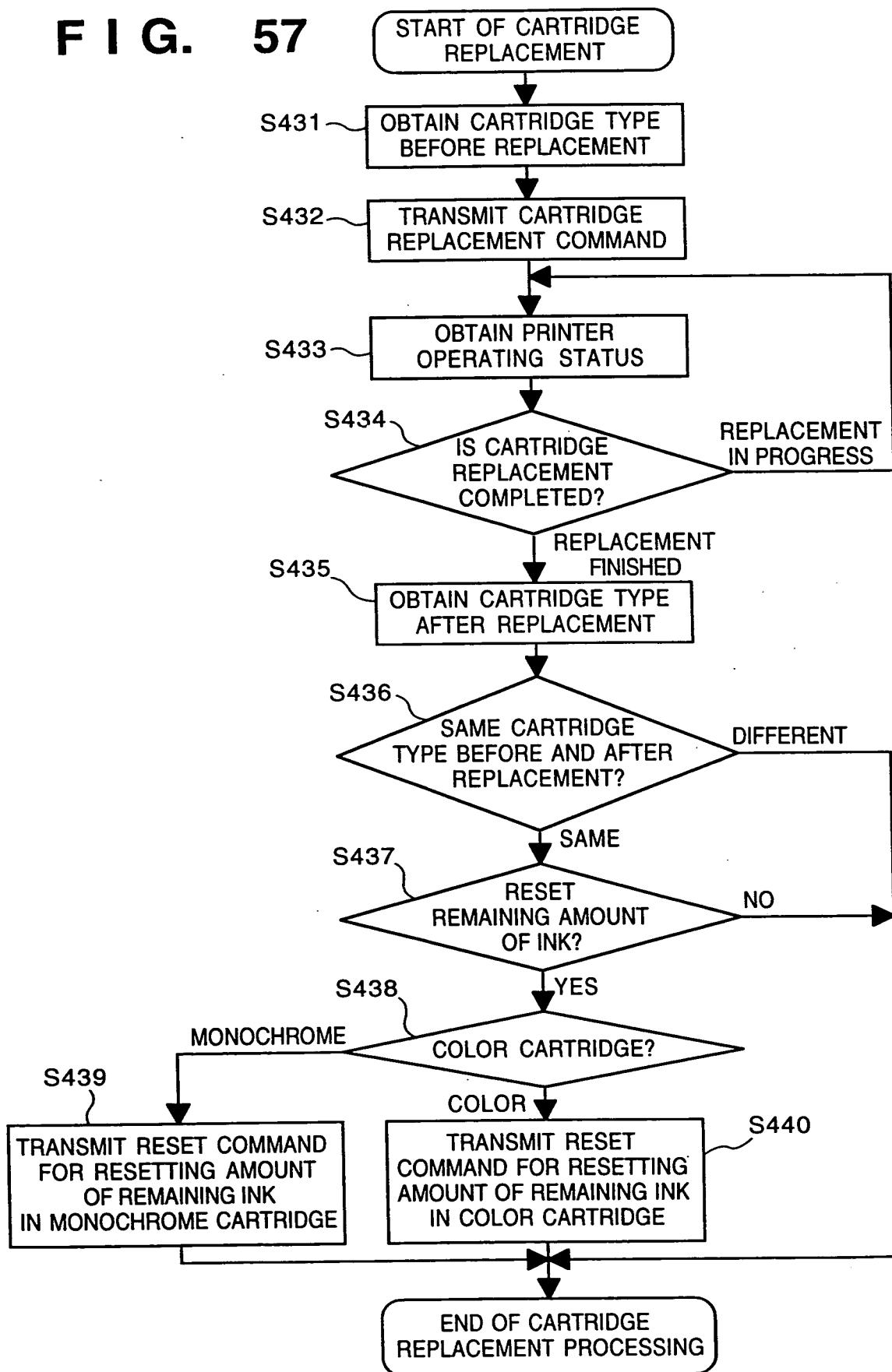


FIG. 58

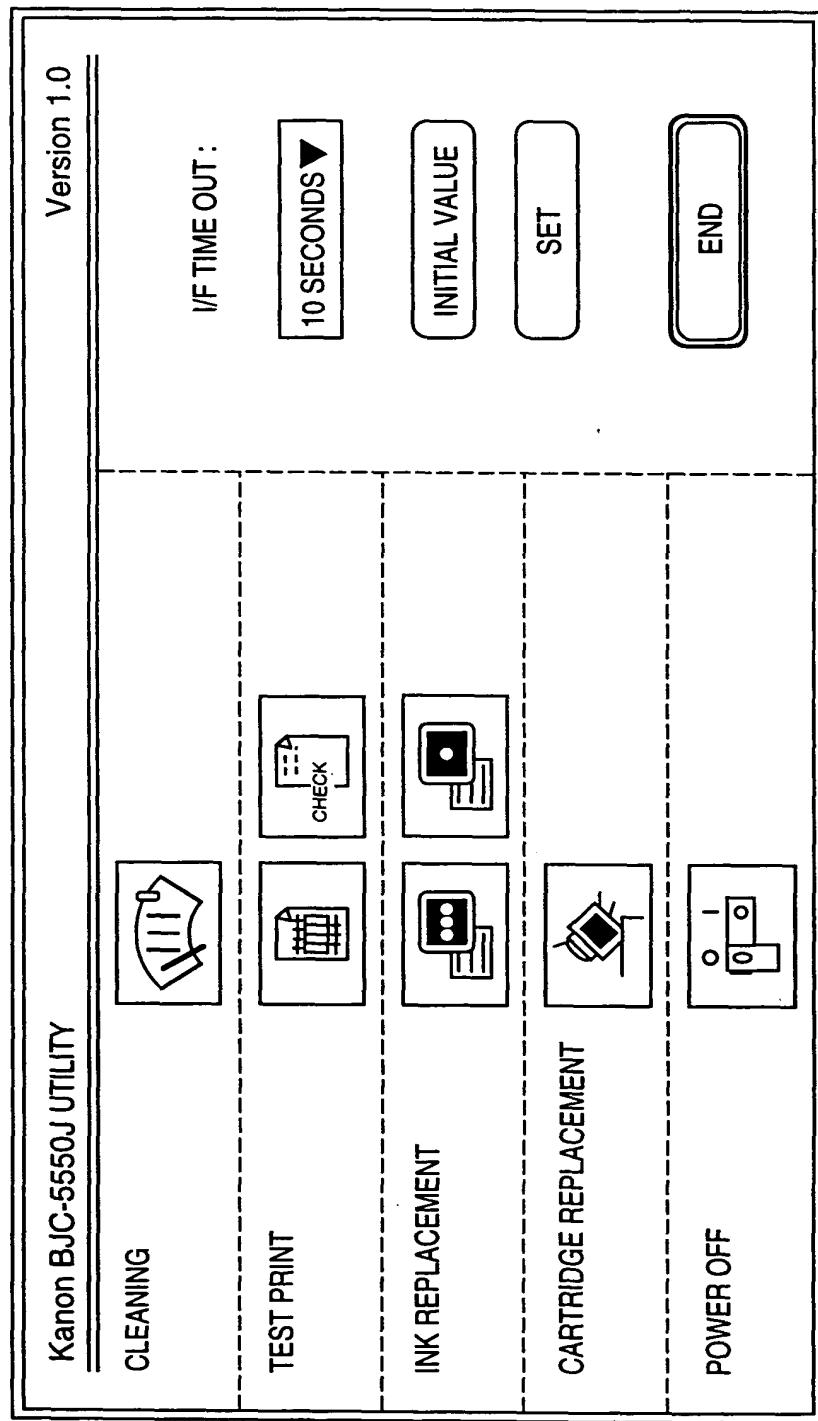


FIG. 59



Press cartridge button on printer after
BJ cartridge is replaced.

FIG. 60



Do you wish to reset remaining amount of ink?
Reset when new BJ cartridge has been installed.

Cancel

OK

FIG. 61

DIRECTORY
CODE OF INPUT STEP
CODE OF READOUT STEP
CODE OF SETTING STEP
CODE OF LATEST VALUE STORAGE STEP

FIG. 62

DIRECTORY
CODE OF SETTING STEP
CODE OF SETTING ACQUISITION STEP
CODE OF COMPARISON STEP
CODE OF DISPLAY STEP

FIG. 63

DIRECTORY
CODE OF SETTING STEP
CODE OF SETTING ACQUISITION STEP
CODE OF COMPARISON STEP
CODE OF RE-SETTING STEP

FIG. 64

(PRIOR ART)

MEDIA TYPE :	<input type="checkbox"/> PLAIN PAPER <input type="checkbox"/> COATED PAPER <input type="checkbox"/> OHP PAPER	PRINTING QUALITY :	<input type="checkbox"/> HIGH-QUALITY PRINTING <input type="checkbox"/> INTERMEDIATE-QUALITY PRINTING <input type="checkbox"/> LOW-QUALITY PRINTING
PAPER SIZE :	<input type="checkbox"/> A4 <input type="checkbox"/> A5 <input type="checkbox"/> B4 <input type="checkbox"/> B5 <input type="checkbox"/> POSTCARD	PAPER FEED METHOD :	<input type="checkbox"/> AUTOMATIC SHEET FEEDER <input type="checkbox"/> MANUAL INSERTION
PRINTING COLOR :	<input type="checkbox"/> COLOR PRINTING <input type="checkbox"/> MONOCHROME PRINTING		
		<input type="button" value="SELECT"/>	<input type="button" value="CANCEL"/>

FIG. 65

(PRIOR ART)

PAPER SIZE	A4 A5 A5 HORIZONTAL LETTER LEGAL POSTCARD	PAPER FEED METHOD	AUTOMATIC SHEET FEEDER MANUAL INSERTION	PRINTING COLOR	COLOR MONOCHROME
MEDIA TYPE	PLAIN PAPER COATED PAPER FOR OHP GLOSSY PAPER HIGH-GLOSS FILM THICK PAPER	DITHER	DITHER PATTERN ERROR DIFFUSION	COLOR PROCESSING	<input type="checkbox"/>
PRINTING QUALITY	HIGH QUALITY INTERMEDIATE QUALITY LOW QUALITY	CYAN		MAGENTA	
		YELLOW		BLACK	
					OK CANCEL